

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

1321
RELIABLE

★ MAR 23 1937
U. S. Department of Agriculture

SEEDS

SINCE 1884



SIOUX CITY SEED CO.



FOR SALE BY

STANDARD WEIGHTS OF VARIOUS ARTICLES

Lbs. per bu.				bus. lbs.				Lbs. per bu.				bus. lbs.			
Alfalfa	60	100 lbs. equal	1	40	Orchard Grass	14	100 lbs. equal	7	2	Onions	54	"	"	1	46
Beans	60	"	"	1	40	Potatoes, Irish	60	"	"	2	40	Potatoes, Sweet	50	"	"
Beans, Soy	60	"	"	1	40	Peas, wrinkled	56	"	"	1	44	Peas, smooth	56	"	"
Buckwheat	48	"	"	2	4	Peas, Cow	50	"	"	2	—	Pasture Grass Mixture	14	"	"
Broom Corn	46	"	"	2	8	Rape	50	"	"	2	—	Rye	56	"	"
Blue Grass, Kentucky	14	"	"	7	2	Red Top	14	"	"	1	41	Sweet Clover, W. F.	60	"	"
Blue Grass, English	24	"	"	4	4	Sweet Clover, Y. F.	60	"	"	1	40	Sweet Clover, annual	60	"	"
Cane Seed	50	"	"	2	—	(Yuban)	60	"	"	1	40	Sudan Grass	40	"	"
Canary Seed	60	"	"	1	40	Tall Meadow Oat	12	"	"	3	4	Grass	45	"	"
Castor Beans	46	"	"	2	8	Timothy Seed	58	"	"	1	42	Turnips	60	"	"
Clover	60	"	"	1	40	Wheat	60	"	"	1	40				
Corn, shelled	56	"	"	1	44										
Corn, on ear	70	"	"	1	30										
Corn, Sweet	45 to 48	"	"	2	4										
Flax Seed	56	"	"	1	44										
Hemp Seed	44	"	"	2	12										
Johnson Grass	25	"	"	4	—										
Kaffir Corn	56	"	"	1	44										
Lawn Grass	14	"	"	1	2										
Millet	50	"	"	2	—										
Oats	32	"	"	3	4										

VALUABLE TABLES

Asparagus	4 lbs.	1 oz.	1 oz. to 800
Beans, Bush	60 lbs.	2 lbs.	
Beans, Pole	30 lbs.	1 lb.	
Beet, Table	8 to 15 lbs.	1 oz.	
Beet, Mangel and Sugar	8 to 10 lbs.	1 oz.	
Broccoli	3 oz.	1/4 oz.	1 oz. to 5000
Cabbage	3 oz.	1/4 oz.	1 oz. to 5000
Carrot	3 to 5 lbs.	1/4 oz.	
Cauliflower	4 oz.	1/4 oz.	1 oz. to 5000
Celery	4 oz.	1/8 oz.	1 oz. to 10000
Collards	4 oz.	1/4 oz.	1 oz. to 5000
Corn, Sweet	15 lbs.	1/2 lb.	
Cucumber	2 lbs.	1 oz. to 100 hills	
Dill	5 lbs.	1/2 oz.	
Egg Plant	4 oz.		1 oz. to 2000
Endive	4 lbs.	1 oz.	
Kale	4 lbs.	1/2 oz.	1 oz. to 5000
Kohl Rabi	4 lbs.	1/2 oz.	
Leek	4 lbs.	1/2 oz.	
Lettuce	3 lbs.	1/4 oz.	
Melon, Musk	2 lbs.	1 oz. to 100 hills	
Melon, Water	4 lbs.	4 oz. to 100 hills	
Mustard	5 lbs.	1/2 oz.	
Okra	8 lbs.	2 oz.	
Onion	5 lbs.	1/2 oz.	
Onion (for sets)	40 to 80 lbs.		
Parsnip	3 lbs.	1/2 oz.	
Parsley	3 lbs.	1/4 oz.	
Peas, Garden	90 to 150 lbs.	1 lb.	
Pepper	2 oz.	1/8 oz.	1 oz. to 1000
Pumpkin	3 to 4 lbs.	3/4 lb. to 100 hills	
Radish	10 to 12 lbs.	1 oz.	
Ruta Baga	2 to 4 lbs.	1/2 oz.	
Salsify	8 lbs.	1 oz.	
Spinach	8 lbs.	1 oz.	
Squash, Summer	4 lbs.	4 oz. to 100 hills	
Squash, Winter	2 lbs.	8 oz. to 100 hills	
Tomato	2 oz.		1 oz. to 3000
Turnip	1 to 2 lbs.	1 oz.	

QUANTITY NEEDED

To Sow an Acre	For 100 ft. of Row	To Produce a Given Number of Plants
4 lbs.	1 oz.	1 oz. to 800
60 lbs.	2 lbs.	
30 lbs.	1 lb.	
8 to 15 lbs.	1 oz.	
8 to 10 lbs.	1 oz.	
3 oz.	1/4 oz.	1 oz. to 5000
3 oz.	1/4 oz.	1 oz. to 5000
3 to 5 lbs.	1/4 oz.	
4 oz.	1/4 oz.	1 oz. to 5000
4 oz.	1/8 oz.	1 oz. to 10000
4 oz.	1/4 oz.	1 oz. to 5000
15 lbs.	1/2 lb.	
2 lbs.	1 oz. to 100 hills	
5 lbs.	1/2 oz.	
4 oz.		1 oz. to 2000
4 lbs.	1 oz.	
4 lbs.	1/2 oz.	1 oz. to 5000
4 lbs.	1/2 oz.	
4 lbs.	1/2 oz.	
3 lbs.	1/4 oz.	
2 lbs.	1 oz. to 100 hills	
4 lbs.	4 oz. to 100 hills	
5 lbs.	1/2 oz.	
8 lbs.	2 oz.	
5 lbs.	1/2 oz.	
40 to 80 lbs.		
3 lbs.	1/2 oz.	
3 lbs.	1/4 oz.	
90 to 150 lbs.	1 lb.	
2 oz.	1/8 oz.	1 oz. to 1000
3 to 4 lbs.	3/4 lb. to 100 hills	
10 to 12 lbs.	1 oz.	
2 to 4 lbs.	1/2 oz.	
8 lbs.	1 oz.	
8 lbs.	1 oz.	
4 lbs.	4 oz. to 100 hills	
2 lbs.	8 oz. to 100 hills	
2 oz.		1 oz. to 3000
1 to 2 lbs.	1 oz.	

GUARANTEE AND DISCLAIMER

Complaints are frequently made that seeds do not grow and are not good. This very often may be attributed to other causes than the quality and vitality of the seed. There are contingencies arising to prevent even the best of seeds always giving satisfaction, such as sowing too deep, too shallow, or in too wet or too dry soil; insects and worms of all descriptions destroying the plants as soon as or before they appear; wet weather, cold weather, frosts; chemical changes in the seeds induced by temperature, etc. For the above reasons we cannot guarantee seeds under any circumstances.

We give no warranty, express or implied, as to description, purity, productiveness, or any other matter of any seeds we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

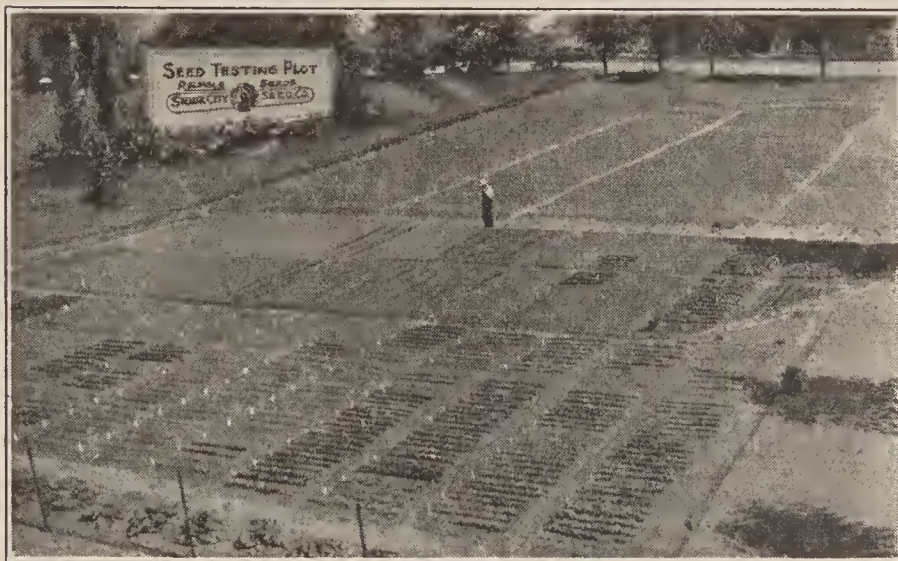
Sioux City Seeds

1937

Branches



Sioux Falls,
S. D.
Billings,
Mont.
Grand
Island, Neb.
Norfolk,
Neb.
Iowa:
Algona,
Carroll,
Iowa City



Growing Stations in



Iowa
Wyoming
Oregon
Montana
Idaho
So. Dakota
Nebraska
Michigan
Wisconsin

Section of Our Trial Garden at Sioux City, Iowa

For Over Fifty-three Years

THE SIOUX CITY SEED COMPANY has supplied their dealers with dependable seeds. Sioux City seeds are known for their purity and strong germination—the results of constant striving for the best in seeds. Our growing stations in Montana, Wyoming, Idaho, Iowa, South Dakota, Nebraska, Wisconsin and Michigan are managed by experienced men in growing seeds. Expert plant breeders are constantly improving our strains and developing new varieties of merit. Our seeds are suited to your latitude and will satisfy the most **particular** planters.

ASK YOUR DEALER FOR SIOUX CITY SEEDS

Since 1884 Sioux City seeds have been offered by reputable dealers. Dealers have selected this brand in order to supply their trade with the best. Your dealer can supply your garden needs as reasonable as you can buy seeds of equal cost elsewhere and will take pleasure in quoting you by mail, or in person. He will give you special prices for quantity orders.

HOW TO PLAN A GOOD GARDEN

Have you a plan for your garden—drawn to scale on paper—before you start, to give proper order in planting and enable you to buy the right amount of seeds in advance while the selection is good. Put in one general group small plants like beets, onions, lettuce, carrots, radishes and parsnips. In another general group put larger plants like corn, tomatoes and potatoes. Spreading ground vines, like melons and cucumbers, which need wider spacing, should be put in another general group. The reason for this grouping is that the various plants in a group need similar general treatment as well as spacing. In making a plan provide space in which to enter costs and yield of the various crops. This will give you a complete record which will be useful another year. Another helpful use of the plan is that it will guide you in the rotation of next year's crops.

SIOUX CITY SEED CO.

SIOUX CITY, IOWA

Beans-- BUSH

CULTURE—Beans are easily frost-killed, so plant them at corn-planting time on light, dry land. Cold, wet weather will rot the seed in the ground and fresh manure causes a rank growth of vine with a lack of pods. If hand-cultivated, beans can be drilled in poor soil as close as eighteen inches, but in rich soil with horse cultivation, thirty inches are required. Drill six beans to a foot and cover one inch deep, or plant four beans to the hill eighteen by twenty-four inches apart. One quart of seed should plant 200 feet and five pecks plant an acre. Plant every third week for a succession up till August 1st, in the altitude of Sioux City. Pick beans before the bulge of seed appears and pick beans clean to continue the plants bearing. Give beans shallow cultivation and do not till the soil when the plant is in bloom or the plant in self-defense will drop its blossoms. To cultivate when wet is to invite rust.

ROYAL PURPLE WAX—

Plant large, without runners, generally drooping with fruit-laden branches and spreading when full grown. The season is early; the leaf is large, medium green; wide across leaflets; pods are very round and yellow in color; very brittle; stringless; without fibre and unsurpassed in quality

SIoux STRINGLESS—Pods

round and straight. Strictly stringless and tender quality. Color light creamy yellow. Excellent for home gardening or canning. Prolific producer.



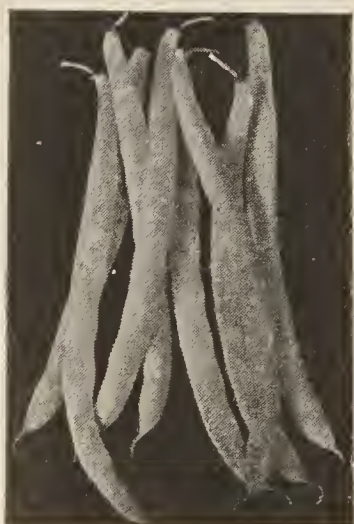
40 Acre Field Sioux Stringless Beans in Montana

STRINGLESS KIDNEY

WAX—A very prolific variety. Twenty inches high, pods rich creamy, long and semi-round. Stringless and of excellent quality.

GOLDEN WAX—Best known wax bean; very early; popular for home and market gardener.

ROUND POD KIDNEY WAX—An early round podded stringless variety of highest quality and a good yielder. The six-inch light yellow pods mature in 55 days.



DAVIS WHITE WAX—Very hardy, productive, long pods, very handsome, rustless, fine shipper, best canner; a valuable variety for market gardeners.

WARDELL'S KIDNEY WAX—The largest wax variety and one of the best. A strong grower; the long handsome pods are stringless, brittle, and of finest flavor. A heavy cropper.

BLACK WAX IMPROVED PROLIFIC—A black seeded exceptionally productive yellow waxy podded bean, pods are curved and well rounded.

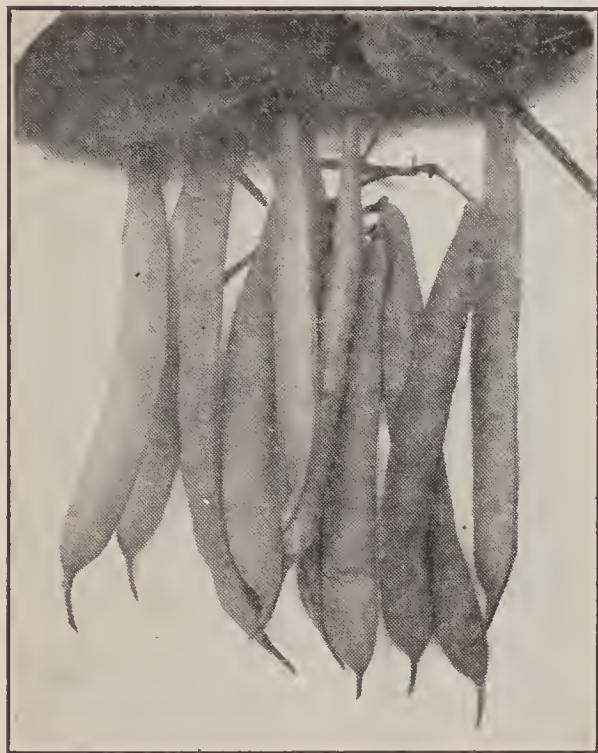
PENCIL POD BLACK WAX—The best of the Dwarf sorts, early and very productive; pods are 6½ to 7 inches long; plant strong and vigorous.

CURRIE'S RUST-PROOF WAX—Vigorous and hardy; productive. Rust-proof pods, 5 to 6 inches in length.

UNRIVALED WAX—An excellent variety for market and home gardeners, similar to Golden Wax; pods longer and of lighter color and heavy yielder. The earliest wax variety.

Prices: ½ lb., 20c; 1 lb., 30c. Ask for Special Prices on Quantity.

Dwarf or Snap Beans--Green Podded



Burpee's Stringless Green Pod

BURPEE'S STRINGLESS GREEN POD—

This bean produces a vine similar to Red Valentine, but develops pods to edible condition two to three days earlier than Valentine. This advances the Stringless Green Pod to the first rank among table beans. Pods are stringless—absolutely so—the pods breaking as short and free as pipe stems; enormously productive.

GIANT STRINGLESS—Similar to Burpee's Stringless; lighter in color, hardy and of highest quality.

BOUNTIFUL—Flat podded stringless green pod, very hardy and good quality.

FULL MEASURE—A green podded variety which has proven very popular. Pods similar to stringless green pod but a trifle larger and more slender. Pods five inches long, tender and entirely stringless.

IMP. RED VALENTINE—Early strain of this popular round pod bean; nothing superior to this in snaps among the green podded sorts; many prefer it to Wax varieties.

PROLIFIC TREE—(Navy)—the most prolific bean known; bean not large but fine shape, cooks easily.

STRINGLESS GREEN REFUGEE — A round green podded bean, earlier than the Refugee, 1000 to 1, and absolutely stringless.

TENDERGREEN—One of the very best of the round, green podded beans, fleshy pods about six inches long, stringless, very productive and closely resembles an improved Full Measure.

TENNESSEE GREEN POD. Brown Bunch — Popular in the south. Vigorous, hardy and productive. Pods large, 6 to 7 inches long, flat, dark green, exceptionally fine flavor.

REFUGEE OR 1000 to 1—Medium to late; very productive and tender, and largely grown for main crop; round pod.

DWARF HORTICULTURAL — Late and productive; fine either shelled or green.

Prices: ½ lb., 20c; lb., 30c

WHITE NAVY OR PEA BEAN—Seed white. Nearly round.

Prices: ½ lb., 10c; 1 lb., 15c



Pole Beans

CULTURE—The pole bean climbs, sometimes needing a little training over any support given it. A good practice is to set firmly in the ground every three or four feet each way, poles that are, when set, about six feet high. Some time after bunch beans are planted, six or eight pole beans are planted one inch deep near the base of each stake and later thinned to three or four plants to the pole. One-half bushel of pole beans generously plants an acre and one pint plants one hundred hills.

When too old for use as a green snap bean, use any bean shelled or still later, when it is hard and dry, it remains equally serviceable.

KENTUCKY WONDER (Old Homestead)—Pods green, very long, very prolific.

KENTUCKY WONDER WAX—Very early pods, 8 to 9 inches long; color, light yellow.

DUTCH CASE KNIFE—Pods long, green and flat; can be either snapped or shelled.

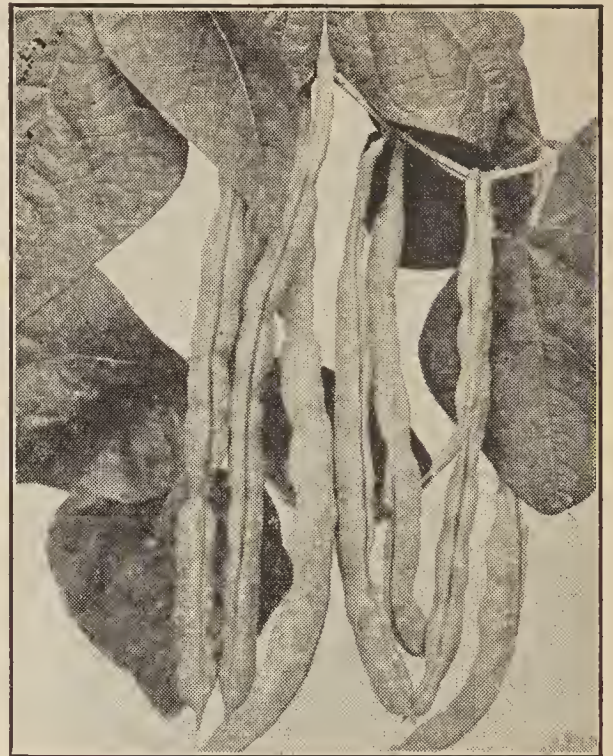
SCARLET RUNNER—A popular English pole bean; very ornamental.

WHITE CREASEBACK—Long, round, stringless pod; fleshy and tender.

WHITE KENTUCKY WONDER—Very fleshy and tender; stringless; of high quality.

GOLDEN CLUSTER WAX—Early, productive golden wax pods, 6 to 8 inches long.

LAZY WIFE—Great favorite; pod from 4 to 6 inches long, stringless, rich, buttery



Kentucky Wonder

flavor; beans are white and make a fine shell bean; pods remain tender long.

HORTICULTURAL OR SPECKLED CRANBERRY—Showy, excellent either as a snap or shell bean.

SPECKLED CUT-SHORT OR CORN HILL—Used for planting among corn; one of the best.

MISSOURI WONDER—Late, very productive; disease resisting.

Prices: ½ lb., 20c; 1 lb., 30c

Dwarf Lima Beans

BURPEE'S BUSH LIMA—A bush form of the large Pole Lima, the beans being large and flat like those of that variety. It is very productive and its dwarf character is well established.

Prices: ½ lb., 20c; 1 lb., 35c

HENDERSON'S BUSH LIMA—Productive; a very little bean. Sometimes called Baby Lima. Beans small but excellent flavor.

Prices: ½ lb., 20c; 1 lb., 30c

DREER'S BUSH—Immensely productive; may be used as a shell bean or snap bean; broad, flat pods.

Prices: ½ lb., 25c; 1 lb., 40c

FORDHOOK BUSH LIMA—Early; very productive, best quality. Sometimes called potato bush Lima.

Prices: ½ lb., 25c; 1 lb., 40c

JACKSON WONDER OR CALICO LIMA—Most prolific of all bush Lima, of Georgia type, a perfect bush butter bean growing 10 inches high to 2 feet, good for summer use or winter shell beans.

Prices: ½ lb., 20c; 1 lb., 30c

Pole Lima

LARGE WHITE LIMA—Largely grown and highly esteemed. Late variety, pods 5 to 6 inches long.

KING OF THE GARDEN LIMA—Large in pod and bean; productive. Early and favorite with market gardeners.

SIEVA—Similar to Henderson's Lima, very early, vigorous and productive. Favorite in south.

Prices: ½ lb., 20c; 1 lb., 35c

Beets

Ready for Table Use in 40 to 60 Days

CULTURE—Sow as early in the spring as the ground can be worked and every two weeks after for a succession up to the first weeks of July. For general crop sow about the middle of May. The soil should be light sandy loam, well enriched with stable manure and plowed and harrowed until very fine. Sow in drills one foot to fifteen inches apart, and when well up, thin to from four to six inches. The young beets pulled out of the rows are excellent used as Spinach.

CRIMSON GLOBE—Early sort. Root medium sized, spherical, slightly longer than wide. Red flesh, marbled with crimson stripes.

CROSBY'S EGYPTIAN—Extra early sort, globe-shaped. Fresh vermillion, very lightly zoned. Small green foilage, tinged with red. Excellent variety for early use.

DETROIT DARK RED—Early sort. Root globe-shaped, slightly tapering. Smooth skin, mahogany red flesh, crisp and sweet. One of the best beets to store for winter.

EARLY BLOOD TURNIP—Dark red and of fine flavor; productive, standard sort.

EARLY MODEL—Extremely early, of perfect globe form and finest quality. The foliage is very small. The beets are always smooth and of the deepest blood-red color, while they quickly attain a good size.

EARLY WONDER—A selection from Crosby's Egyptian, though not so early. Roots very uniform, nearly globe-shaped with



Early Turnip Blood

small top and tap root; skin dark red, flesh deep blood red, with little zoning. Popular with market gardeners for early or late planting.

EXTRA EARLY EGYPTIAN—Very early and dark blood color, rather flat, sweet and tender.

LONG SMOOTH BLOOD—A good late variety; dark red; tender and sweet.

Prices: oz., 10c; ¼ lb., 35c.

Swiss Chard

A Beet Highly Esteemed as Greens.

Swiss Chard is a beet grown for its leaves, which are large, tender, succulent and highly esteemed as "greens" on account of their agreeable flavor. The leaves are boiled like spinach, the stem or midrib can be removed before cooking and only the best leaves should be used as new leaves appear after picking. Culture is the same as for table beets.

LUCULLUS—An improved type of chard. Of more upright growth than the Silver variety; leaves yellowish-green, fairly crumpled, mid-rib and veins white; stalks thick, broad and flat and as large as rhubarb.

DARK GREEN WHITE RIBBED—Color very dark green, leaves fleshy, thick, tender, not as crumpled as Lucullus, but with a very broad white mid-rib. Ready in 55 days.

Prices: oz., 10c; ¼ lb., 30c.

STOCK BEETS---Mangel-Wurzel, Sugar, Etc.

CULTURE—As all Mangels require a deep soil in order to grow well, plow and the sub-soil at least a foot to eighteen inches, and apply plenty of rich stable manure. Sow in May or June, in rows eighteen inches to two feet apart, and thin to eighteen inches to rows. Young plants may be transplanted to fill up vacancies. Sow in addition, when the plants are

BEETS (continued)

three to four inches high, at the rate of 200 pounds. Complete manure, 200 pounds bone flour and 400 pounds salt per acre. As soon as frost occurs, dig the crop. But in order to be well preserved for gradual consumption, during the winter, Mangel-Wurzel should be heaped to perhaps a height of six feet on a dry, sloping situation; cover at first with a piece of canvas, and as the cold increases should be replaced by about six inches of either salt, hay, straw, sea weed or even cornstalks. Lest this covering be displaced by the wind, a light layer of earth is necessary. So soon as this surface soil becomes frozen about six or eight inches more of earth should be placed over the entire heap. By following up this gradual process of covering, all danger of heating will be obviated, and the roots will keep in perfect order. Sow from four to five pounds per acre.

MAMMOTH LONG AND RED MANGEL-WURZEL—Very large, selected strain, the largest and finest roots. The standard.

GOLDEN TANKARD MANGEL-WURZEL—A bright yellow; handsome and sweet, and very productive; tops small, roots large.

KLEIN WANZLEBEN—Larger than Vil-morin; good sugar beet; very hardy.

VILMORIN IMPROVED SUGAR—A much improved strain of the preceding; very valuable as a sugar-producing beet.

GIANT SLUDSTRUP—A long, reddish-yellow, ovoid root, growing more than half above ground; easily harvested, and by actual test far excels any other variety in weight and feeding value

GIANT FEEDING SUGAR—This unites the large size of the Mangel with the greater feeding value of the Sugar Beet. The roots are always regular and uniform, broad at the top with a full and slightly tapering shoulder.

Prices: oz., 5c; $\frac{1}{4}$ lb., 15c

Asparagus

One Ounce to 50 Feet of Drill; 5 Pounds to the Acre

PRICES SUBJECT TO MARKET FLUCTUATIONS
ASK YOUR DEALER FOR QUANTITY PRICES

CULTURE—Sow in March or April, in good mellow soil, after soaking the seed 24 hours in warm water, in drills one foot apart, and one inch deep. During the summer keep the soil mellow and free from weeds, thinning the plants to 4 inches apart. The following spring transplant into permanent beds that have been dug and highly manured.

PALMETTO—New, early and very large. The very best and largest in cultivation and an enormous yielder; deep green.

asparagus, heavy yielder, color rich dark green.

MARY WASHINGTON—New rust resistant

Prizes: oz., 10c; $\frac{1}{4}$ lb., 25c; Mary Washington: oz., 15c; $\frac{1}{4}$ lb., 35c.

Brussels Sprouts

CULTURE—Sow in May in the same manner as Cauliflower and transplant in July, one foot apart, in rows, which should be one and one-half feet apart. In gardens, both large and small, Brussels Sprouts are, without exception, the very best winter vegetable that can be grown. The real sprout is not much larger than a marble, and as firm and hard almost as the stalk itself. These are the sorts which cooks prefer. They strip off the outer covering, cook them whole, and serve them up artistically in that fashion. When cooked through and no more, such sprouts melt in the mouth like the tenderest Cauliflower.

IMPROVED HALF DWARF—The very best and surest strains.

Prices: oz., 15c; $\frac{1}{4}$ lb., 50c



Brussels Sprouts

Cress

CULTURE—Sow thickly in shallow drills every two or three weeks. It is useful not only for salad, but for the breakfast table and for garnishing. Water Cress should be sown in damp soil, or if a stream of water can be utilized, it would be much finer. It will also thrive in damp hot-beds. Rightly managed, its culture is very profitable. To obtain early salad, it is a good plant to sow with Water Cress seed a strip four inches wide on the outer margin of a hot-bed, inside the frame (where it is always cool). This will be found a satisfactory method of obtaining it early.

Curled or Pepper Grass: Oz., 10c; $\frac{1}{4}$ lb., 30c

True Water Cress: Oz., 30c; $\frac{1}{4}$ lb., \$1.00

Broccoli

Green Italian Sprouting—A new and distinct variety of the sprouting type. It forms a large head consisting of a cluster of bluish green flower-heads. When this central head is removed the plant develops numerous later sprouts, each of which produce a small head. These are cut, leaving about 6 inches of the stem, and are tied in bunches for market. Both stems and heads are cooked and served like cauliflower. Ready for market in about 90 days.



Prices: oz., 40c; $\frac{1}{4}$ lb., \$1.25

Green Italian Broccoli

Carrots

CHANTENAY—Second early, half long, rather large neck, stump-rooted, coreless. Smooth skin, of a rich red color. Large yielder. Very popular.

CHANTENAY RED CORED—68 days. Roots 5 to 6 inches long, 2 to $2\frac{1}{2}$ inches thick at the crown. Color deep orange-red. A fine medium early, half-long, stump-rooted carrot. Core reddish orange.

OXHEART OR GUERANDE—This is one of the most valuable of recent in-

roduction, either for family or market; most beautiful shape and rich orange color.

DANVERS HALF LONG — Medium early. Half long, cylindrical, semi-stump-rooted, of pale red color. Tender, good quality.

Prices: oz., 10c; $\frac{1}{4}$ lb., 30c

EARLY HORN — Very early variety, small root, excellent flavor.

NANTES—One of the best "coreless" varieties, 6 to 7 inches long, the same size the whole length, and stump-rooted. Color deep orange and "coreless."

LONG ORANGE—An old standard for general use. A sure and heavy cropper. Roots long, tapering and of deep orange color.

Prices: oz., 10c; $\frac{1}{4}$ lb., 30c

Nantes: oz., 15c; $\frac{1}{4}$ lb., 40c

LARGE YELLOW BELGIAN—Is similar to the above, but orange color; said to be richer.

WHITE BELGIAN—Smooth, well shaped, tapered roots, greenish-white in color, heavy yielder.

Prices: oz., 10c; $\frac{1}{4}$ lb., 30c



Chantenay

Cabbage

CULTURE—Cabbage requires a rich moist heavy soil, and deep and frequent cultivation. For extra early use, the seed may be sown in the fall during September, and young plants protected through the winter in cold frames, or sow the seed during January or February, very thinly and shallow in hot-beds. When the young plants have reached sufficient size, gradually harden them off by admitting air freely. Transplant to the open ground as soon as the ground works up well. Plant one by two feet and cultivate every two weeks. For late use, sow the seed in fine soil during May or June. Sow the seed very thinly and not over one-fourth inch deep. Another easy method is to plant five or six seeds in a hill, then pull out all but the strongest plants.

Extra Early Varieties

EARLY JERSEY WAKEFIELD—Well known and most valuable for early. Oz., 15c; $\frac{1}{4}$ lb., 50c.

EARLY WINNINGSTADT—A standard second early variety; pointed heads. Oz., 15c; $\frac{1}{4}$ lb., 50c.

GOLDEN ACRE (New)—An extra early selection of the Copenhagen type, and the earliest of the round-headed cabbages, maturing with Jersey Wakefield. Plant small, dwarf and compact, with few outer leaves; heads of medium size, round as a ball, solid and very uniform. Oz., 25c; $\frac{1}{4}$ lb., 80c.

CHARLESTON WAKEFIELD—The heads are about one-fourth larger than Jersey Wakefield; matures 10 to 15 days; keeper. Oz., 20c; $\frac{1}{4}$ lb., 65c.

GLORY OF ENKHUIZEN—The heads are of good size, almost perfectly round, extremely solid and heavy, deliciously tender and of finest quality. A splendid keeper.

Prices: oz., 20c; $\frac{1}{4}$ lb., 60c

COPENHAGEN MARKET—Very fine sort, compact growing, short-stemmed. Pale green leaves, rather small. Large and round head, very solid.

Prices: oz., 20c; $\frac{1}{4}$ lb., 60c



Danish Ballhead

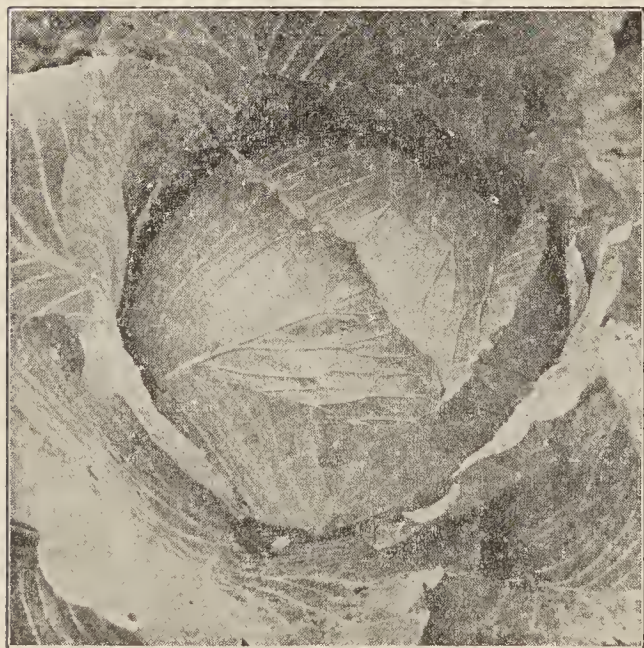
Second Early Varieties

EARLY FLAT DUTCH—A remarkably fine strain; a sure header; the head weighing from 10 to 12 pounds; most valuable for market. Oz., 15c; $\frac{1}{4}$ lb., 45c.

ALL SEASONS—One of the finest for second early or late, growing to a large size,

quickly and surely; the true sure header. Oz., 15c; $\frac{1}{4}$ lb., 50c.

EARLY DRUMHEAD—A fine variety of good size. Leaves smooth. Head large and flat, of pale green color, lightly purple tinged. Very hardy. Oz., 15c; $\frac{1}{4}$ lb., 45c.



Premium Late Flat Dutch

Late Varieties

DANISH BALLHEAD—Very late sort. Smooth and greyish green leaves. Round and compact head. One of the best winter varieties. Oz., 20c; $\frac{1}{4}$ lb., 75c.

PREMIUM LATE FLAT DUTCH—A slow growing, sure heading popular late variety, large spreading outside leaves, very large flat heads, keeps well and of fine flavor. Oz., 15c; $\frac{1}{4}$ lb., 45c.

ST. LOUIS LATE MARKET GARDEN—A very fine late first cabbage; a very sure header, especially fine for Southern trade. Oz., 20c; $\frac{1}{4}$ lb., 60c.

RED DUTCH—For pickling; hard, oblong heads; dark purple. Oz., 20c; $\frac{1}{4}$ lb., 60c.

Late Varieties (continued)

HOLLANDER—One of the hardiest in cultivation; quite a distinct variety; medium size, round, very solid, extra keeper, best of quality—our seed is from a very reliable Danish grower. Oz., 20c; ¼ lb., 65c.

DRUMHEAD SAVOY—Deep green, coarse-

ly crimped leaves. Heads late, round, compact and very solid. Best winter keeper of the Savoys.

SURE-HEAD—Never fails to make a large, fine head, with few outer leaves; fine grower; flat drumhead. Oz., 15c; ¼ lb., 45c.

Chinese Cabbage

CHIH LI—Early and very sure heading. Head becomes 18 to 20 inches tall, 3½ to 4 inches thick, tapered near tip, very firm, well balanced, crisp, tender and sweet. Superior to Chinese Improved or Pe Tsai.

WONG BOK—Heads 8 to 10 inches tall; broad, firm. Well blanched, tender and of excellent quality. Prices: oz., 15c; ¼ lb., 50c.

Wilt Resistant

Our stock seed is raised from heads grown on heavily infested yellow-sick soil and selected rigidly and continuously for type and resistance. We offer only **first generation** seed from such stock.

All Seasons Wilt Resistant: oz., 35c; ¼ lb., \$1.20.

Marion Market or Copenhagen Market Wilt Resistant: oz., 35c; ¼ lb., \$1.25.

Wisconsin No. 8 Yellows Resistant: oz., 30c; ¼ lb., \$1.00.

Cauliflower

Ready for Use in 90 to 120 Days

CULTURE—This is the same as for Cabbage, except that manure and plenty of water will pay upon this. If the soil be dry, water frequently, and if the plants could have a heavy mulch of hay or straw, it would not suffer from drouth. The early kinds should be strong enough to plant out not later than the middle of April; the late kinds may be planted out same time as for Cabbage. To destroy the Cauliflower maggot, it is recommended to take one ounce of sulphur of potassium and dissolve it in one gallon of water. Heat the liquid to about 100 degrees, take a large spoon, or something that will hold the 100th part of a gallon, and pour the liquid against the stalk of the plant just above the ground.



Henderson's Early Snowball

HENDERSON'S EARLY SNOWBALL—

Without doubt the best of Cauliflower; our seed is of the very finest strain; grown specially for us in Denmark, and sure to make a fine solid head; don't buy cheap Cauliflower seed; there is no seed in which quality counts so much. ¼ oz., 50c; oz., \$1.60.

DANISH DRY WEATHER—

Adapted especially to high ground and withstands dry weather. Is a strain of the Snowball Cauliflower and the head matures 10 days later. Heads large, solid and white; have more leaves to protect them from sun and frost. ¼ oz., 45c; oz., \$1.50.

EXTRA EARLY DWARF ERFURT —

Short stem; very fine. ¼ oz., 45c; oz., \$1.50.

Celery



Giant Pascal

CULTURE—Sow the seed in a light, rich, dry border as early as the ground can be worked, in drills eight or ten inches apart, and cover the seeds about a quarter of an inch deep, rolling or treading them in if the ground be dry. When fairly out of the seed leaf they may be transplanted to another bed, or they may be thinned out in bed or trenches. This bed should be kept well weeded, and an occasional soaking with water in dry weather will do the plants good. Early in July at the North, a month or six weeks later in the Southern states, is the proper time to set the plants out in beds or trenches. Press the soil firmly against the roots. In the garden the better way is to set the plants in shallow trenches—we say shallow, for it is obviously a bad plan to remove all the good soil (as must be done in a deep trench) and put the plants in that which is poor. The plants may be set in a single row in a narrow trench, or the trench may be made into a bed wide enough to hold two, three or four rows, and in case the plants are in a compact form, to be covered for the winter where they grow. When grown in beds this way, the rows should be one foot apart, and the plants about eight inches apart in the rows. The bed should be made very rich with thoroughly decomposed manure. The

plants will need to be earthed up two or three times, and in doing this care should be taken not to let the earth get into the heart of the plant. In field culture the plants are set on the surface in rows 4 feet apart when the celery is to be earthed up in the field for early use, and 2 feet apart when the plants are to be taken up and blanched in the cellar for winter use. The plants are set 6 inches apart in rows. If not grown in beds, the best way to store is to dig trenches in a well-drained spot in the open ground, 1 foot wide and of a depth a few inches less than the height of the celery. The plants then lifted and set close together until the whole quantity is stored. The edges of the trench should be made sloping from the tops of the plants. When severe cold weather comes on, cover gradually with leaves, hay or straw and place boards on top. In such a trench the stalks will blanch perfectly, and may be taken out any time during the winter for use or sales as required.

IMPROVED WHITE PLUME—Naturally white or light foliage; requires but little banking up to blanch; very early and extensively grown for market.

Prices: oz., 25c; ¼ lb., 90c

GIANT PASCAL—An easily blanched and fine keeping large sort, of excellent flavor; superior for table use.

GOLDEN SELF-BLANCHING—Grand solid variety, on the style of the White Plume except that it is golden where the Plume is white.

Prices: oz., 35c; ¼ lb., \$1.25

CELERIAC OR LARGE SMOOTH PRAGUE—An improved form of the rooted Celery, roots smooth and round.

Prices: oz., 30c; ¼ lb., \$1.00



Collards

CULTURE—Sow seed as for Cabbage in June, July and August for succession; transplant when one month old in rows a foot apart each way and hoe often.

GEORGIA SOUTHERN. Oz., 10c; ¼ lb., 30c.

Sweet Corn

Hybrid Varieties

Don't Plant Sweet Corn Deep

Sweet corn should not be planted over one inch deep; most people plant two or three inches deep—most sure to rot. Also do not plant too early. Not as early as field corn.

GOLDEN CROSS—This remarkable new F-1 hybrid represents the greatest advance in sweet corn since Golden Bantam was introduced. It is a bright yellow, 12-rowed corn with 8-inch ears, borne well up on a sturdy stalk. The quality is fully equal to Golden Bantam in every way; matures six days later and is two to three times as productive. In addition, this corn is very resistant to the bacterial wilt known as Stewart's Disease, which often causes failure with other early yellow sweet corns. We cannot recommend this corn too highly for canners and table use. $\frac{1}{2}$ lb., 35c; lb., 45c.

TENDERGOLD—A very fine hybrid of outstanding quality introduced by us after years of research. Four days earlier than Golden Bantam and generally twice as productive, the attractive 8-inch, 12-rowed ears command a premium on the market. For tenderness and succulence we have never seen its equal and it holds this fine quality 2 or 3 days longer than other corns. Produces heavy crops in areas where Golden Bantam succumbs to bacterial wilt (Stewart's Disease). Compares favorably with the Evergreens in canning cost. Market gardeners report customers insisting on this corn after one trial. $\frac{1}{2}$ lb., 35c; lb., 60c.

We recommend Hybrid Sweet Corn to all home and market gardeners for its exceptional flavor and uniform quality. To get best results, due to the uniform ripening of Hybrid Sweet Corn, we suggest successive plantings of approximately one week apart, insuring fresh corn in perfect stage for roasting ears.



Golden Cross

Sweet or Sugar Corn

EXTRA EARLY VARIETIES

EXTRA EARLY ADAMS—While not properly a sweet corn, it is used as such because of its very early and hardy nature. Market gardeners depend on this sort for their first "roasting ears." It can be planted long before it is safe to plant other varieties. $\frac{1}{2}$ lb., 10c; lb., 20c.

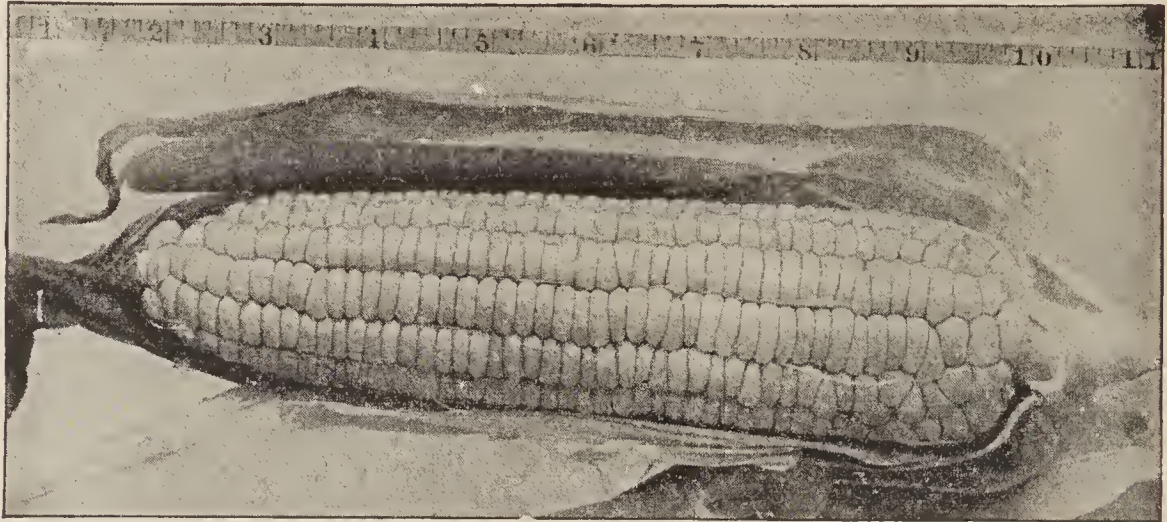
GOLDEN SUNSHINE—This is a cross between Golden Bantam and Early Market, a white variety. It is a week earlier than Bantam, plants are slightly smaller. Ears have 10 to 14 rows of creamy yellow grain

and are surprisingly large for an early variety. $\frac{1}{2}$ lb., 20c; lb., 30c.

WHITE MEXICAN—White Mexican is a heavy yielding, early maturing sweet corn. It ranks in a class with White Cob Cory and is a better yielder. Height 4 feet; ear about $6\frac{1}{2}$ inches long. Quality good. $\frac{1}{2}$ lb., 15c; lb., 30c.

WHITE COB CORY—Resembles the ordinary Cory in size and earliness, but with white cobs; very much better quality. $\frac{1}{2}$ lb., 15c; lb., 30c.

Sweet Corn Varieties (continued)



Golden Bantam

GOLDEN BANTAM—Of extreme hardiness; can be planted earlier than any other true sweet corn and will then produce the earliest supply of ears for the plate. Extra fine in quality. $\frac{1}{2}$ lb., 15c; lb., 30c.

HOWLING MOB—Is ready for use only 3 to 5 days later than the extra early Cory when both are planted at the same time, but the ears are much larger in size, while the grains are much whiter and sweeter. As an early variety of large size, we cannot too highly praise Howling Mob. $\frac{1}{2}$ lb., 15c; lb., 30c.

PEEP OF DAY—This most valuable sort is

of Minnesota origin, and is not only early but one of the best. The stalks grow from 3 to 4 feet high. Ears average from 5 to 6 inches in length and are of perfect form. $\frac{1}{2}$ lb., 15c; lb., 30c.

WHIPPLES5 EARLY YELLOW—Twice the size of Golden Bantam and matures in about 85 days. Has a very fine quality and is growing in popularity. $\frac{1}{2}$ lb., 15c; lb., 30c.

GOLDEN EVERGREEN—Larger than Golden Bantam and more productive—exceptionally sweet and very early. $\frac{1}{2}$ lb., 20c; lb., 35c.

Second Early

From 65 to 80 Days

EARLY MINNESOTA—A standard second early variety of white corn, kernels are broad, sweet and tender, ears long and thickly set with ten or twelve rows of kernels. $\frac{1}{2}$ lb., 15c; lb., 25c.

EARLY EVERGREEN—By careful selection for a series of years we have produced an early strain of this corn, earlier by 6 to 8 days. $\frac{1}{2}$ lb., 20c; lb., 30c.

BLACK MEXICAN—Very sweet and of superior flavor; grains black. $\frac{1}{2}$ lb., 20c; lb., 35c.

General Crop or Late Varieties

STOWELL'S EVERGREEN—Remains a long time, and is highly prized; one of the most popular varieties. $\frac{1}{2}$ lb., 20c; lb., 35c.

IMPROVED WHITE EVERGREEN—The cobs and kernels are at all stages of edibility beautifully white. The getting rid of the amber tint so prominent in a great many strains of sweet corn passing for Stowell's Evergreen is a great gain, as it fits this variety for extensive use in canneries. $\frac{1}{2}$ lb., 20c; lb., 35c.

COUNTRY GENTLEMAN—Ears average 9 or 10 inches in length, but what it lacks in size is more than equaled in superior quality and productiveness. It sometimes yields as many as five or six ears to the stalk. Deep grained and exceedingly sweet and juicy. $\frac{1}{2}$ lb., 25c; lb., 40c.

QUALITY PRICES ON APPLICATION

Cucumbers

CULTURE—Cucumbers succeed best in warm, rich ground. They should not be planted in open ground until settled warm weather. Plant in hills four feet each way, when all danger from insects is past, thin out, leaving three or four of the strongest plants to the hill.

EARLY FORTUNE—An attractive new variety, becoming very popular. Early Fortune is now being largely grown by market gardeners and shippers both North and South. In color it is an attractive deep green, which it retains much longer than most other sorts. Being fine grained, its white flesh is exceedingly crisp and brittle, making it an excellent slicing sort. Early Fortune is one of the earliest, dark green white spine cucumbers for shipping and home use.

ARLINGTON WHITE SPINE—A selection from the White Spine, being more pointed at each end; the young fruits are usually crisp and tender and are of very dark green color, so that the variety is considered by some to be the best for small pickles.

EARLY FRAME OR SHORT GREEN—An excellent sort both for table use and for pickling. Fruit straight, handsome, smaller at each end, bright green; flesh tender and crisp, and makes fine pickles.

EARLY GREEN CLUSTER—Fruit small and in clusters; very prolific. Light green in color.

WHITE SPINE, IMPROVED EARLY—One of the very earliest and best known of the White Spines; a short, square-ended, rather three-cornered type; very productive, fine for slicing or pickles; medium green color.

JAPAN CLIMBING—Can be grown on trellis.

Davis' Perfect



LONG GREEN—For slicing the long, firm, crisp fruits are very desirable; they are very dark green and average a foot in length; flesh white and firm.

THE DAVIS PERFECT CUCUMBER—An excellent cucumber for both outdoor use and forcing. It is a carefully selected strain of the extra long White Spine type made by a veteran outdoor and greenhouse grower of cucumbers. Its valuable points are length, slinness and its dark green color. It is a very vigorous sort and resists blight longer than most sorts.

CHICAGO PICKLING—Very popular in the Chicago market. Color deep green, medium size, prominent spines.

BOSTON PICKLING—A favorite eastern sort of fine quality.

EARLY RUSSIAN—Very early, short, is a valuable variety for small pickles, for which it is often in demand.

WHITE WONDER—Fine quality; grows in clusters. The color is pure white from the time of forming until maturity.

STRAIGHT EIGHT—New, outstanding variety. Prolific and uniform size cucumbers about 8 inches long, straight and smooth. Color is a medium dark green. An attractive cucumber of fine quality for slicing.

SMALL GHERKIN—Very small burr; used for pickles.

Prices: oz., 10c; $\frac{1}{4}$ lb., 35c

Except White Wonder, Long Green, Early Fortune, Davis Perfect: oz., 15c; $\frac{1}{4}$ lb., 45c. Straight Eight: oz., 20c; $\frac{1}{4}$ lb., 65c

Endive

CULTURE—Sow in June, July and August, cover lightly; when up, thin out to eight inches apart and water well afterward, if dry. When the leaves are six to eight inches long, blanch by gathering in the hand and tying together near the top with yarn or bast. This must be done when quite dry or they will rot. At the approach of winter take up carefully with a ball of earth to each plant, and place close together in frame or cellar for use. They must be kept dry and have plenty of air, or they will rot.

BATAVIAN BROAD LEAVED—The leaves are broad twisted and waved, deep green, with thick, white midribs. The inner leaves form a clustering head which blanches to a beautiful creamy white and is crisp and tender.

GREEN CURLED ENDIVE—A hardy, vigorous variety, bright, deep green leaves usually tinged with rose, blanching to a deep cream color.

Prices: oz., 10c; $\frac{1}{4}$ lb., 35c

Egg Plant

CULTURE—Sow in hot-beds very early in spring and transplant when two inches high into a second bed or into small pots. If that is not done, thin to four inches apart. Do not plant out until the weather becomes perfectly settled and warm. Cool nights or wet weather will check them.

BLACK BEAUTY—The earliest of a large-fruited Egg Plant, 10 days to two weeks earlier than the New York Purple. The color is a rich, shiny purplish black. It is entirely free from spins.

NEW YORK PURPLE IMPROVED—The standard and by far the best variety for home or market. It is of large size, very productive, and of a rich purple color.

Prices: oz., 35c; $\frac{1}{4}$ lb., \$1.25



New York Purple

Kale or Borecole

DWARF CURLED—Of half dwarf, compact bushy growth; a vast improvement over the straggling, tall-growing varieties. The leaves are large, of handsome light green color, curled densely.

TALL CURLED—A valuable sort, which furnishes an abundance of "greens" equal to the best spinach during the fall and winter. Beautifully curled, crimped and of fine flavor.

Prices: oz., 15c; $\frac{1}{4}$ lb., 45c

CULTURE—Cultivated and grown exactly like Cabbage. Sow early in the spring in a hot-bed and when from one to two inches high transplant into a bed or border that has been highly manured and deeply dug. The plants should stand two feet apart, in rows three feet apart. The soil should be kept mellow and free from weeds. Cover with litter or leaves during the winter. Plants started and grown this way should be fit to blanch the following spring. The seed may also be sown early in the open border and transplanted in rows (as directed above) as soon as out of the seed leaf; but they will need to be a year older than the hot-bed plants before being fit to blanch.

Leek

BEST LARGE AMERICAN FLAG
Hardy and productive. Large, sweet, very popular with gardeners. Prices:
oz., 20c; $\frac{1}{4}$ lb., 60c.

Kohl-Rabi

CULTURE—This is an excellent vegetable and should be grown in every garden. Sow in the spring, in rows eighteen inches apart, afterwards thinning the plants to eight or ten inches. If the weather is suitable, the thinnings may be planted, but it is considered difficult to transplant. Keep the weeds down and when the thickened stem above ground is two or three inches through, they are fit to eat, and should be used at once, being tough when old. They are cooked and used the same as turnips, and when well grown and used at the proper stage are tender and palatable.

EARLY WHITE VIENNA—Handsome and delicate, white ball.

EARLY PURPLE VIENNA—Same as white, only purple color.

Prices: oz., 15c; $\frac{1}{4}$ lb., 50c



Lettuce

CULTURE—Lettuce is one of the oldest plants cultivated for human consumption. Lettuce is a cool-weather plant and the first sowing should be made outside as early as the ground permits, and for this the leaf or loose-head varieties are best. Sow the seed in a rich soil and if in beds begin to use as soon as large enough or if in rows thin out pretty early. Lettuce stands transplanting very well and this is the way to get real heads. To hasten the growth of lettuce, dissolve half a cup of sulphate of ammonia in a couple gallons of water and sprinkle.

Non-Heading Varieties



Grand Rapids Lettuce

EARLY CURLED SIMPSON—A leading early sort; very tender.

BLACK SEEDED SIMPSON—Forms large, loose, beautiful heads of light yellowish green color; very tender and of best quality. A fine variety for forcing, and stands the heat of summer well.

PRIZE HEAD—We highly recommend this sort for the family garden. It is early, of fine quality and remains fit for use a long time before running to seed. It does not head up solid, but forms large, loose bunches. The leaves are nicely curled and very tender and sweet; bright green in color, edged with brownish red.

GRAND RAPIDS FORCING—Large, tender heads; one of the best for early forcing.

CHICKEN—Very large lettuce for poultry feeding. Grows 18 inches high with immense leaves. Grows very rapidly and is of the butter type.

Heading Varieties

CALIFORNIA CREAM BUTTER—Round, solid heads, medium green, good size, compact, rich, buttery taste.

BIG BOSTON—The best large heading, early variety. Most popular variety for the Southern gardener who ships North. Also very valuable as first early in the North.

Plants are large, vigorous; leaves bright, light green, very tender. Our strain is unsurpassed.

IMPROVED HANSON—Very large and solid, sweet, crisp and tender.

Prices: oz., 10c; $\frac{1}{4}$ lb., 35c

LETTUCE--Heading Varieties, continued

WHITE PARIS SELF-FOLDING COS (Romaine) (W. S.)—A medium large, strictly self-closing lettuce, making a well-blanchd, firm, loaf-shaped head; leaves oval in form, flat and smooth; color medium dark green; quality excellent.

Prices: oz., 10c; $\frac{1}{4}$ lb., 35c

ICEBERG—Fine compact heads which resist summer heat admirably; is very popular; leaves curled and light green; crisp, tender.

NEW YORK—One of the largest heading varieties, curled and crisp; dark green and firm. Oz., 15c; $\frac{1}{4}$ lb., 50c.



Musk Melons

CULTURE—Musk Melons do best on newly broken sod or prairie land, or on soil prepared by plowing under a crop of rye or wheat in the spring. The seed should not be planted until the soil has become thoroughly warmed. Plant five or six seeds to the hill, in hills four to six feet apart. Rich soil or well rotted manure should be used in the hills. When the plants are of sufficient size, thin out to three vines to the hill.

HOODOO OR HEARTS OF GOLD—

An orange-fleshed melon of medium size—fine for the home garden season sort. Vines are vigorous and resist blight well. Fruits are uniform, medium in size, nearly round. The flesh is thick, firm, highly colored and delicious.

HALE'S BEST—Melons are oval in shape, about 6 inches long by $4\frac{1}{2}$ inches in diameter, with heavy netting and fairly distinct ribbing. Flesh exceptionally thick and deep salmon in color. A most promising and profitable variety.



Hales Best

LAKE CHAMPLAIN—(Golden Champlain)—An exceedingly early, salmon-fleshed melon of medium size and fine quality. Evidently a cross between Fordhook and Emerald Gem, as it has a tendency to produce melons resembling both types.

BENDER'S SURPRISE—This melon very much resembles our stock of Tip-Top, the netting is a little heavier, the flesh is thicker, and the melon weighs more; color the same thick salmon; fine grained, spicy and sweet.

BURREL'S GEM—Dark green with thin skin, flesh thick, salmon colored, very delicious.

POLLOCK NO. 10-25—Salmon tint flesh, good shipper and early.

BANANA—A long salmon-fleshed variety of good flavor, growing about 15 inches long.

EMERALD GEM—Small, extra early; smooth ribbed, dark green skin and orange flesh; quality first rate; very sweet.

GOLDEN NETTED GEM—Very early; is small and of fine flavor; green flesh.

LONG YELLOW CANTALOUPE—Yellow flesh, well adapted for the North; late.

Prices: oz., 10c; $\frac{1}{4}$ lb., 40c

Musk Melons, continued

HONEY ROCK—This is a very distinct, valuable variety; the flesh is extremely thick; salmon-colored. The shape is round, with heavy, coarse, outstanding netting, with a slate-colored background. Early and prolific.

OSAGE—Cocoanut-shaped, yellow flesh, light green, netted skin; good quality, intermediate.

HONEY DEW—Round, smooth-skinned flesh, light emerald green. Very sweet sugary flavor. Good keeper.

ROCKY FORD—This is the most popular of the basket melons; oval, light ribbed, densely covered with coarse green netting; flesh thick, green and sweet, highly flavored.

EDWARDS PERFECTO—The melons are almost perfectly round, heavily netted, no ribs, and the shipping qualities are splendid. Edible in 96 days.

TIP TOP—Melons are round in form, well ribbed; light green skin; flesh is thick, bright salmon in color, of luscious, melting character, firm for shipping purposes.

EXTRA EARLY HACKENSACK—Ripens 10 days earlier than the Hackensack.

GREEN NUTMEG—Named from its shape, green flesh, good for main crop.

PAUL ROSE—Unsurpassed in quality, unexcelled for shipping, flesh firm, rich orange color, covered with dense netting, not ribbed.

SHUMWAY'S GIANT—Very large, cream yellow, very distinct, salmon-colored flesh, sweet and luscious.

MILWAUKEE MARKET—Fruits of medium size, nearly round, lightly ribbed and fairly netted; skin light green; flesh thick, salmon-colored and very sweet.

Prices: oz., 10c; $\frac{1}{4}$ lbs., 40c

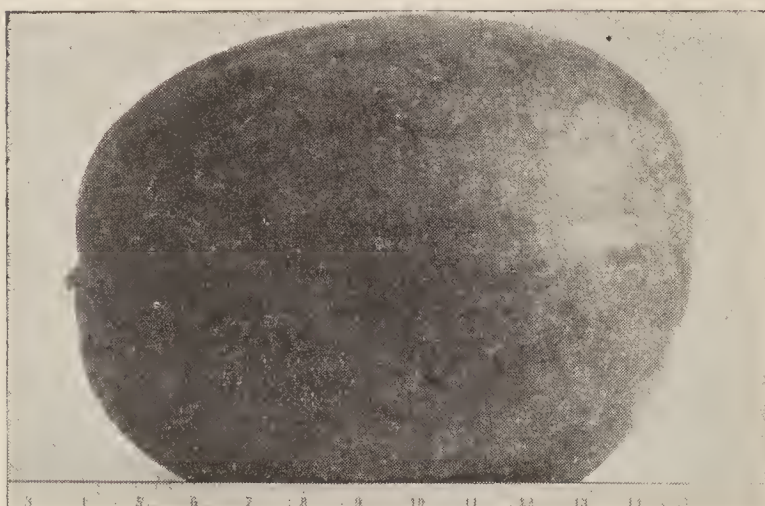


Rockyford

GREELEY WONDER—Salmon flesh, nearly approaching perfection in size. Its eating quality is splendid, and there is a total absence of coarse, stringy flesh which is usually associated with large melons. Edible in 90 days. Size, $6\frac{1}{2} \times 6\frac{1}{2}$; weight, $4\frac{3}{4}$ pounds.

DELICIOUS—A new variety similar to Bender, but will ripen about two weeks earlier; is unexcelled for nearby markets. Melons are large, moderately firm flesh, deep orange-yellow in color, and very sweet. Ribbed and netted much like Bender.

Prices: oz., 10c; $\frac{1}{4}$ lb., 40c



Stone Mountain

Watermelons

CULTURE—The cultivation of the watermelon is practically the same as for muskmelon, except that the plants grow larger and require more room. They should be set in hills 10 feet apart and the plants thinned to 3 feet apart in the rows.

CITRON—Round and handsome, for preserving, late.

COLE'S EARLY—Very early, very sweet; a fine home melon; flesh bright red, crisp and delicate texture.

CUBAN QUEEN—Solid and heavy, skin marked regularly; excellent quality; early.

DIXIE—A new melon of excellent quality; very large and solid, flesh red; intermediate.

FORDHOOK EARLY—Adapted for home garden and local markets; an extra early variety of fair size and fine quality; skin deep green, mottled a darker shade.

IRISH GRAY—Very early, fine shipper and home melon, flesh sparkling bright red, free from hard center. Average size 30 pounds.

HALBERT HONEY—Brought out by Burpee a couple of years ago as the sweetest of all melons, and I am inclined to believe that he is right about it. They are much like Kleckley, but longer in shape; dark green, very sweet and very tender. Break easily in handling. Larger size and fine for home use or nearby market.

KLECKLEY'S SWEET OR MONTE CRISTO—Oblong, rich dark green, flesh bright scarlet; very sweet.

STONE MOUNTAIN (Dixie Bell)—A new introduction of best quality, and is claimed to be the sweetest of all the large melons; in shape it is almost round, dark green rind, medium thick; flesh rich scarlet, not unusual to grow Stone Mountain weighing 70 to 80 pounds; for home and nearby markets it is unexcelled; seed white with black tips; time for ripening, 90 days.

MOUNTAIN SWEET—Large oval variety, green rind, flesh scarlet, sweet and delicious; fine for home garden.

KLONDIKE—A popular melon in the West, especially in California, having a dark green, thin, shallow ribbed, tough rind and attractive bright red flesh of very good quality; seeds small, black. A good shipping sort.

DIXIE QUEEN—New, popular variety for home garden and market; good shipper. Round shape, white seed, bright red flesh, solid and of fine flavor; seeds small and few; rind thin, striped dark green; vines vigorous and prolific.

EXCEL—Largest of the shipping melons; midseason; fruit long, dark green in color with an irregular faint striping and covered with fine veining of a darker shade; flesh red and crisp; rind hard and tough; seeds gray-brown, but variable as to color.

TOM WATSON—The most popular melon in the South. Its shape is similar to the Kleckley Sweet, but the color is a lighter green. Its great merit is in its earliness, good flavor, thin rind and good shipping qualities, making it one of the best of shippers.

HARRIS EARLIEST—The best of the extra early sorts. Fruit slightly oval with irregular mottled stripes of light and dark green. Flesh bright red, sweet and tender. A desirable variety where the season is short. It is hardy, productive and the largest of the early kinds.

ANGEL KISS—Long light gray melon; good keeper; white seed; very sweet.

ROUND LIGHT ICING—Round, pink flesh, of fine quality.

SWEETHEART—One of the best early shipping melons; fruit large, oval, mottled, light green; flesh bright red, firm, melting and sweet.

Watermelons, continued

PRIDE OF MUSCATINE—Thick rind makes this a good shipper; dark green skin and deep red flesh, sweet, crisp and tender. Wilt-resistant and good for market garden.

PEERLESS OR ICE CREAM—Very early; red flesh, good home melon.

ALABAMA SWEET—Long, dark green; fine flavor; fine shipper.

GOLDEN HONEY (Golden Ice Cream)—An attractive, distinct melon, possessing a dark green rind, oblong in form with a very solid, sweet, canary yellow flesh; very early; seeds brown.

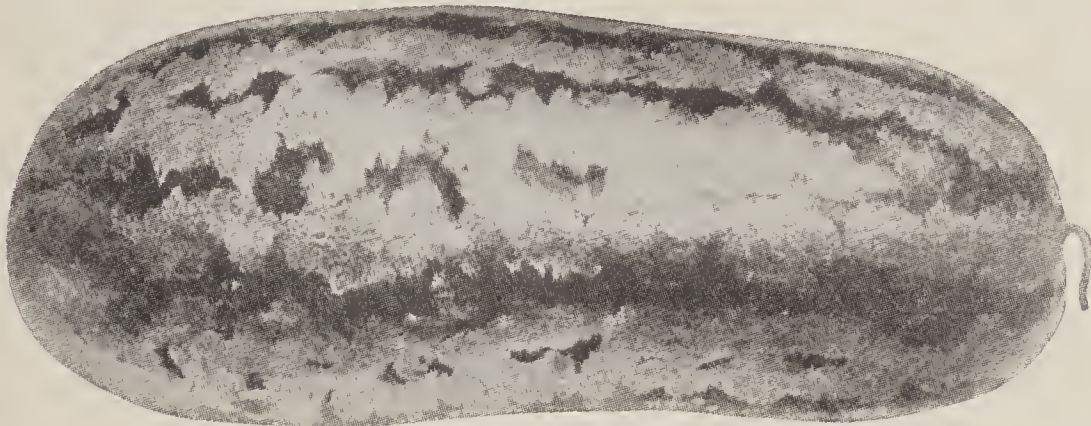
PHINNEY'S EARLY—Early and of fine quality; red flesh; fine for the North.

GEORGIA RATTLESNAKE—Oblong dark and striped; bright red flesh; late.

Prices: oz., 10c; $\frac{1}{4}$ lb., 25c

Pride of Muscatine: oz., 10c; $\frac{1}{4}$ lb., 30c

Dixie Queen: oz., 15c; $\frac{1}{4}$ lb., 45c



Georgia Rattlesnake



Mustard

CULTURE—Sow thickly during early spring in shallow drills and press the earth down. For fall salad, sow in September or in frames or boxes during the winter.

BLACK—These seeds form the mustard of commerce.

WHITE LONDON—Leaves used for salad while young; grows very rapidly.

GIANT SOUTHERN CURLED—Very large leaves; hardy and vigorous.

CHINESE CURLED—Fine leaf, excellent for salad.

Prices: oz., 10c; $\frac{1}{4}$ lb., 25c

MUSTARD SPINACH—A tender green Spinach of great merit. A wonderful producer and becoming very popular with truckers and farmers throughout the South and Southeast. In Japan it takes the place of Spinach as it remains tender even in dry weather. It is an all season plant, resistant to insects and blight; leaves are mostly used when young and by repeated plantings an abundant supply is available throughout the entire season. It is extremely resistant to cold weather so that early and late plantings are possible. **Oz., 10c; $\frac{1}{4}$ lb., 35c.**

THE
BALANCED
PLANT FOOD

STIM-U-PLANT
PLANT STIMULANT TABLET

ODORLESS
ECONOMICAL
EASY TO USE

Onions

CULTURE — In the spring as early as the ground can be prepared, sow seeds in drills fifteen inches apart. When the young plants are strong enough, thin so they stand about three inches apart. Four pounds of seed or more are usually sown to the acre. As soon as up begin hoeing and cultivating. Keep clean until ripe.



Southport Red Globe

AUSTRALIAN BROWN, THE GREAT SET ONION—A grand new onion from Australia. This is a truly remarkable variety, remarkable in three ways: 1st, they ripen extremely early; 2nd, they keep almost indefinitely; 3rd, they never make any thick necks or scallops. **Oz., 15c; ¼ lb., 45c.**

LARGE RED WETHERSFIELD — Half early and a good keeper; standard sort. **Oz., 15c; ¼ lb., 50c.**

SOUTHPORT RED GLOBE — Southport strain; one of the best reds; good keepers. **Oz., 15c; ¼ lb., 50c.**

YELLOW OR WHITE BERMUDA—Very early, medium sized, flat, used for early market. Skin light straw color, thin and loose; flesh white, sweet and mild. **Oz., 25c; ¼ lb., 90c.**

WHITE BARLETTA—Small white sort; earliest of all; fine for packing. **Oz., 20c; ¼ lb., 65c.**

SOUTHPORT WHITE GLOBE—One of the most handsome onions grown. It is large, of fine globe shape, pure white color and mild flavor. An abundant yielder and excellent keeper. **Oz., 20c; ¼ lb., 80c.**

LARGE WHITE PORTUGAL—Standard sort, flat; skin a beautiful celery, white; good keeper. **Oz., 20c; ¼ lb., 70c.**

YELLOW GLOBE, DANVERS—Of more globular shape; keeps well. **Oz., 20c; ¼ lb., 70c.**

SOUTHPORT YELLOW GLOBE—Strain, large, firm, mild; good keepers. **Oz., 20c; ¼ lb., 80c.**

MAUL'S PRIZETAKER—A very large, beautiful onion; white flesh; skin straw color; sweet, mild, tender; keeps medium. **Oz., 15c; ¼ lb., 50c.**

RIVERSIDE SWEET SPANISH—(Valencia). Nearly globular in form, resembling Prizetaker, but grows to a larger size. Golden yellow in color of skin; flesh rich and very mild. **Oz., 15c; ¼ lb., 50c.**

Okra

LONG GREEN; EARLY DWARF; WHITE VELVET—Prices: **oz., 5c; ¼ lb., 15c.**

CULTURE—Sow late in the spring, after the ground has become warm, in drill three feet apart, where the plants are to remain. Thin out from nine to twelve inches. They should be well manured. They may also be raised in pots or in hot-bed and transplanted.

Peas

CULTURE—A week may be gained in earliness by sowing a quantity in moist sand, placed in a box in the cellar, planting outside when well sprouted. Light, dry soil, not over-rich, suits the pea. Sow as early as the ground can be worked, and again every ten days, for succession, up to the first of June, after which there is danger from mildew. Sow in single or double rows, from four to six feet apart, according to the different heights, about an inch apart in rows (except such sorts as we note to sow thin) and four inches deep. Hoe often and keep the ground clean and fine. The tall sorts can be made to bear more freely by pinching-in. The dwarf varieties may be grown in beds like Bush Beans, with rows about the same distance apart.



Inspecting 100 Acre Field of Little Marvel Peas in Idaho

First Early Peas

GRADUS—A new English variety of the wrinkled peas; it is very hardy, so much so that, unlike most of its type, it can be planted extremely early. The vine grows about $2\frac{1}{2}$ feet high, is vigorous and very productive; the pods are large and well filled with good sized peas, seven to nine usually in a pod. The Gradus is one of the earliest wrinkled peas in cultivation and one of the most delicious in quality. $\frac{1}{2}$ lb., 20c; lb., 30c.

NOTT'S EXCELSIOR—Height 20 inches. The finest Dwarf Wrinkled Extra Early Variety—it is the best of recent introductions; vines are larger and more vigorous than the American Wonder, while the pods are fully one-third larger, containing five to seven peas, packed so closely together in the pods that the peas are always more square than round. The pods are always filled with peas, which in sweetness and quality have no equal, being superior to any other wrinkled sort. **Prices:** $\frac{1}{2}$ lb., 20c; lb., 30c.

THOS. LAXTON—Height 30 inches. The only rival to the famous Gradus, as a long-podded, extremely wrinkled pea, and in some respects even better. The growth is identical, but the pods are a deeper, richer green and square at the end. In the judgment of experts, Thos. Laxton is even sweeter and finer in flavor, while as the large peas are of a deeper green they present a more attractive appearance on the table. $\frac{1}{2}$ lb., 20c; lb., 30c.

LAXTON'S PROGRESS—A new variety of unusual merit, large podded, large fruited wrinkled peas; vines dwarf but heavily laden with fruit; pods long, averaging more peas to pod than the Laxtonian. The best variety for home use. $\frac{1}{2}$ lb., 20c; lb., 30c.

LITTLE MARVEL—Fast becoming the most popular of dwarf sorts for the home garden. Vines 15 inches high; 6 to 8 peas to the pod. Finest quality of the dwarf early wrinkled pea. $\frac{1}{2}$ lb., 20c; lb., 30c.

First Early Peas, continued

ALASKA—One of the very earliest blue peas; quite productive; height 2 feet; often called Early June; 5 to 6 peas to the pod. $\frac{1}{2}$ lb., 15c; lb., 25c.

AMERICAN WONDER—Nearly as early as Alaska; a good yielder; quality of the best; height 15 inches; 5 to 6 peas to the pod. $\frac{1}{2}$ lb., 20c; lb., 30c.

FIRST AND BEST—Height 2 feet. An extra smooth variety of fair quality; 6 to 8 peas to the pod. $\frac{1}{2}$ lb., 15c; lb., 25c.

LITTLE GEM—McLean's very desirable early pea, heavy yielder of good quality; height 15 inches; sometimes called Premium Gem. $\frac{1}{2}$ lb., 15c; lb., 30c.

LAXTONIAN—One of the best dwarf wrinkled peas for the market gardener. Pods about 4 inches long, resembling those of Gradus, but ripening a little earlier. Vines productive and vigorous; average height less than 18 inches. Prices: $\frac{1}{2}$ lb., 20c; lb., 30c.

Second Early Peas

HORSFORD'S MARKET GARDEN—A standard canner's sort. Pods in pairs, 16 to 20 to the vine; height about 30 inches; 7 to 8 peas to the pod. $\frac{1}{2}$ lb., 20c; lb., 30c.

EVERBEARING—Long pods and large peas; sow thin. Height, 2½ feet. $\frac{1}{2}$ lb., 20c; lb., 30c.

POTLATCH or IMPROVED STRATAGEM—A large-podded wrinkled pea of fine quality. Vigorous and productive vines about 30 inches high. Six or seven peas to pod; 8 to 10 pods to vine. $\frac{1}{2}$ lb., 20c; lb., 30c.

TELEPHONE—A very valuable, vigorous grower; pods large, sweet. Height, 4 feet. Eight peas to pod. $\frac{1}{2}$ lb., 20c; lb., 30c.

ALDERMAN—Of the Telephone type, but with darker pods and peas; fine quality. $\frac{1}{2}$ lb., 20c; lb., 30c.

DWARF TELEPHONE OR DAISY—A medium late pea that needs no brushing. It is of dwarf, stock built, healthy, vigorous growth, and productive, bearing large, handsome pods and peas of highest quality. $\frac{1}{2}$ lb., 20c; lb., 30c.

Edible Pod or Sugar Varieties

MELTING SUGAR—One of the best edible pod sorts. Height, 4 feet. $\frac{1}{2}$ lb., 25c; lb., 40c.

TALL SUGAR—White seed, edible pod; height, 5 feet. $\frac{1}{2}$ lb., 20c; lb., 30c.

DWARF GRAY SUGAR—24 inches; pods are very delicious when cooked the same as wax beans. $\frac{1}{2}$ lb., 20c; lb., 35c.

Special Price on Quantity



Inoculate Your
Peas with Nit-
ragin.

Late Peas

CHAMPION OF ENGLAND—A well-known standard pea; sow thick; height, 5 feet. $\frac{1}{2}$ lb., 20c; lb., 30c.

STRATAGEM—The finest second early; vigorous and productive; 8 to 10 large peas in a pod; unsurpassed in quality. Height, 2 to 3 feet. $\frac{1}{2}$ lb., 20c; lb., 30c.

MARROWFAT, WHITE—An old standard sort; quality inferior; a great yielder. Height, 4 to 5 feet. $\frac{1}{2}$ lb., 15c; lb., 25c.



Pumpkin

CULTURE—May be planted middle of spring, among corn or in field or garden, in hills eight or ten feet apart each way, four seeds in a hill. In other respects are cultivated in the same manner as melons and cucumbers. Avoid planting near other vines.

STRIPED CUSHAW—Medium size, crook-neck; very productive. **Oz., 10c; ¼ lb., 35c.**

GOLDEN CUTSHAW—Fine golden or. **Oz., 10c; ¼ lb., 35c.**

WHITE CUSHAW—Fine white color. Excellent for pies and yields enormously. **Oz., 10c; ¼ lb., 35c.**

CONNECTICUT FIELD—Grown for stock; very productive. **Oz., 5c; ¼ lb., 15c.**

LARGE CHEESE—Flat; one of the best varieties for family use; good keeper. **Oz., 5c; ¼ lb., 15c.**

SWEET OR SUGAR—Fine grained, sweet and prolific; small yellow, best for pies. **Oz., 10c; ¼ lb., 30c.**

QUAKER PIE—Fine for pies, very prolific and a good keeper. **Oz., 10c; ¼ lb., 35c.**

KENTUCKY FIELD—Grown for stock; very productive. **Oz., 5c; ¼ lb., 15c.**

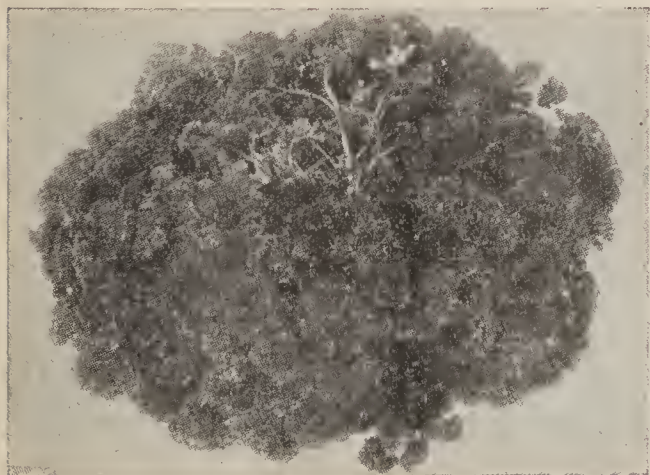


Small Sugar

JAPANESE PIE—Shaped somewhat like the Cushaws and grows to a large size; skin deep green with dark stripes; flesh deep yellow and of high quality; seeds sculptured like Chinese letters. **Oz., 10c; ¼ lb., 35c.**

TENNESSEE SWEET POTATO—Bell-shaped; thick, white flesh; fine for pies. **Oz., 10c; ¼ lb., 35c.**

KING OF THE MAMMOTH (or Potiron)—Largest of all pumpkins. For stock feeding. Globular, slightly ribbed, light yellow skin. Flesh is solid and coarse but of good quality. Weigh from 60 to 90 pounds. **Oz., 15c; ¼ lb., 50c.**



DOUBLE CURLED—Compact; very curly and finely cut. Bright green.

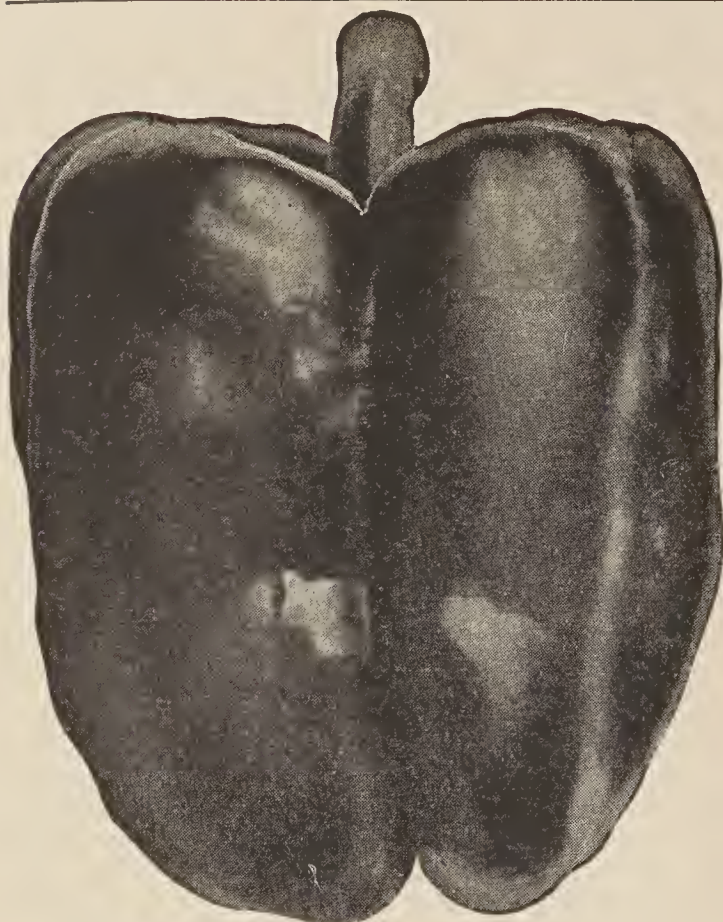
Parsley

CULTURE—Soak the seed a few hours in lukewarm water, and sow early in the spring until the middle of July, in drills one foot apart. Thin out the plants to four inches. To preserve in winter, transplant to a light cellar or cold frame.

HAMBURG OR ROOTED—Edible roots, much like parsnips; used for salads and soups.

CHAMPION MOSS CURLED—Very pretty and one of the very best.

Prices: oz., 10c; ¼ lb., 35c



Chinese Giant

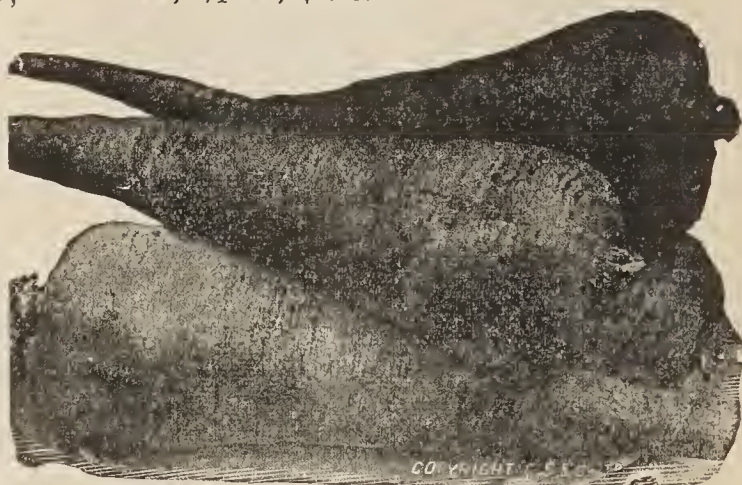
CHINESE GIANT—A very large, fine, mild red pepper. Not only is immensely productive for so large a pepper, but its enormous size and magnificent appearance make it sell most readily. The plants are vigorous in growth, well branched and thickly set with enormous fruits. Fruits blocky, 4 to 5 inches broad; color brilliant scarlet. Oz., 45c; ¼ lb., \$1.75.

CALIFORNIA WONDER—Popular medium late variety for market, garden and shipping. Plants vigorous, upright and prolific;

Parsnips

CULTURE—Parsnips succeed best in deep, rich soil. Sow as early in the spring as weather will permit, in rows fifteen inches apart. When the plants are two inches high, thin out to five or six inches in row. Very valuable for the table or feeding cattle.

GUERNSEY—Early. Root long, thick, hollow-crowned. Skin white and smooth. Flesh of fine quality.



Parsnip Hollow Crown

HOLLOW CROWN—Root about 15 inches long. Skin white and smooth. Heavy cropper. Requires a deep soil.

Prices: oz., 10c; ¼ lb., 25c

Pepper

CULTURE—Sow in hot-beds in March, and when the soil has become warm set in rows two feet apart and eighteen inches in the rows; hoe frequently and keep down all the weeds. The plants may also be forwarded in pots.

RUBY KING—Large, bright red fruits with pleasant and mild flavor; best for slicing. Oz., 40c; ¼ lb., \$1.25.

LONG RED CAYENNE—Bright red; very productive. Oz., 40c; ¼ lb., \$1.25.

LARGE BELL OR BULL NOSE—Large and mild; excellent for pickling. Oz., 40c; ¼ lb., \$1.25.

SWEET MOUNTAIN—Large, regular, and of mild flavor; one of the best for pickling. Oz., 40c; ¼ lb., \$1.25.

PIMENTO—Very mild and thick-fleshed of peculiar delicate flavor; prolific; good shipper. Oz., 40c; ¼ lb., \$1.25.

smooth, uniform deep green fruit changing to crimson. Thick flesh and very sweet and mild. Oz., 40c; ¼ lb., \$1.25.

EARLY GIANT (Harris)—The earliest and most prolific of the large peppers and a real acquisition. It matures its fruit but slightly later than Harris' Earliest; is of dwarf, compact growth, bearing as many as 12 pendent fruits on a single plant; scarlet fruit measuring 5 inches in length by 3½ inches in height by 2½ inches in diameter. The best pepper for the home garden. Oz., 40c; ¼ lb., \$1.25.

Rhubarb

One Ounce Will Produce 800 Plants

CULTURE—Sow in drills one foot apart, thinning out to about the same distance apart in the rows when a few inches high. Transplant into deep, rich soil in fall or the following spring, about three feet apart each way.

Radishes

Ready for Use from 18 to 25 Days

CULTURE—Plant radishes on a light soil if a choice is possible, and every second week for a succession from the time the soil can be worked in the spring till the first light frost. Plant in rows, cover the seeds one-half inch deep and permit four to ten radishes to grow to the foot; use eight to twelve pounds of seed to the acre.

ROSY GEM—One of the very best for market gardeners; very early, tender, beautiful scarlet, shading off into a white tip.

EARLY SCARLET TURNIP, WHITE TIPPED—Very early, for frames or outdoors. This is one of the best for market gardeners.

CRIMSON GIANT TURNIP, FORCING—A variety extraordinary in that while growing to an unusually large size, it is always tender, crisp and of mild flavor. It remains in perfect condition a remarkably long time, and, unlike other forcing varieties, does not become pithy even when twice their size in diameter.

EARLY SCARLET TURNIP—Very early; crisp; good forcing.

ICICLE—A new introduction of the Long White; beautiful ivory white color; fine, slender form; quality excellent; very early; fine for market.

VICK'S SCARLET GLOBE—One of the very earliest of the forcing radishes and does equally well outside; roots are of fair size, globe-shaped and with a very small top; always crisp and tender; color a bright scarlet.

SPARKLER WHITE TIP—Quite similar to Scarlet Turnip White Tipped as to size and time of maturity. The root, however, is more round or ball-shaped, and the white extends further up on the radish, and on this account is more popular in many markets.

LONG SCARLET SHORT TOP—Very long and crisp, for frames and open ground.



CHARTIER WHITE TIPPED — Shades from crimson to white; tender.

LONG WHITE VIENNA OR LADY FINGER—Crisp and tender in summer; one of the best.

FRENCH BREAKFAST — Earliest, most handsome, tender and crisp. Deep, glossy crimson with white tips.

WHITE STRASBURG SUMMER—Very large; the German's favorite; quality fine.

WINTER ROSE CHINA—Very handsome and distinct and keeps well.

WINTER LONG BLACK SPANISH—The popular winter sort.

WINTER CALIFORNIA WHITE MAMMOTH—A very large white winter variety.

Prices: oz., 10c; ¼ lb., 25c

Salsify--Vegetable Oyster

One ounce will sow about 50 feet of drill..

CULTURE—Sow the seed early in the spring, in drills twelve inches apart and one inch deep, thinning out the young plants to six inches. The roots will be ready in October, when a supply should be taken up and stored like carrots. Those remaining will suffer no injury by being left in the ground until spring.

MAMMOTH SANDWICH ISLAND—Tender and delicious. Superior to all other sorts.

Prices: oz., 15c; $\frac{1}{4}$ lb., 50c

Spinach

SAVOY LEAVED OR BLOOMSDALE—Large, tender leaves; fine. Oz., 5c; $\frac{1}{4}$ lb., 15c.

LONG STANDING, ROUND, THICK LEAVED—Dark green, very long standing before running to seed. Oz., 5c; $\frac{1}{4}$ lb., 15c.

KING OF DENMARK—Best all season spinach; remains two weeks longer before going to seed. Oz., 5c; $\frac{1}{4}$ lb., 20c.

PRINCESS JULIANA—Remains in good condition longer than other sorts. Leaves dark green and crumpled; large, rounded and thick. An excellent shipper. Slow to go to seed. Round seeded. Oz., 5c; $\frac{1}{4}$ lb., 15c.

NEW ZEALAND—Entirely different from the tree Spinach in type and in that it thrives during hot weather and in any soil, rich or poor. The tender shoots are of good quality and may be cut throughout the summer. Plant three or four seeds in hills two feet apart each way. This Spinach can be used in August or September or up until frost. By using only the leaves, it will sprout out again. Oz., 5c; $\frac{1}{4}$ lb., 20c.

GIANT NOBEL LEAVED SPINACH—This new Spinach grows very rapidly and attains a large size very early. The yield is consequently large and the fact that it is produced very early makes this one of the most profitable varieties for spring sowing. The plants stand remarkably well without bolting. The leaves are of the largest size, nearly smooth, thick and quite deep green. Oz., 5c; $\frac{1}{4}$ lb., 15c.



Warty Hubbard

COCOZELLE ITALIAN MARROW SQUASH—A distinctive variety of squash of bush form. Fruit grows to a length of about 20 or more inches, with a diameter of 3 to 4 inches; skin smooth of a dark green color, marbled with yellow or with paler green. Matures in 60 days.

Squash

DELICIOUS—This is a fall and winter variety of medium size. Although not very thick, the shell is rather hard and strong. Usually dark green but sometimes lighter in color and mottled. The flesh is thick, very fine grained and bright yellow in color.

HUBBARD BLUE—A new type of Hubbard squash and said to excel all in the superior quality of its flesh. Form and habit of growth similar to the original Hubbard, but differing in having an extremely hard, blue-gray shell.

BANANA—Late, oblong variety with thin, slate-gray rind. Flesh is thick, fine grained yellow-orange of sweet flavor. Brown seeds and small seed cavity.

Prices: oz., 15c; $\frac{1}{4}$ lb., 45c

EARLY GOLDEN BUSH SCALLOP—Fine for summer use; not as early as the White.

Prices: oz., 15c; $\frac{1}{4}$ lb., 40c

Squash Varieties, continued

MAMMOTH SUMMER CROOKNECK—

Similar to the Early Yellow Summer Crookneck, but larger and later. Skin is golden-yellow; warted, curved neck. Flesh thick and yellow.

EARLY WHITE SCALLOP BUSH—A good early shipping variety; best scallop.

YELLOW SUMMER CROOKNECK—One of the best summer squashes.

HUBBARD—Well known and liked for late use; of superior quality.

RED OR GOLDEN HUBBARD—Fine reddish or golden color. Large size, fine quality.

ARIKARA—Earliest of Winter Squash; resistant to drought conditions. The shell is

salmon varied with blue-green; flesh orange; green near shell. Fine keeper.

WARTY HUBBARD—More warty, harder shell, better keeper, true stock.

PIKE'S PEAK OR SIBLEY—Thick, bright orange flesh; fine winter sort.

MAMMOTH CHILI—Grows to an enormous size, 150 to 275 pounds; fine for exhibition.

TABLE QUEEN (Des Moines)—A trailing variety, producing acorn-shaped fruit with a thin, distinctly ribbed, dark green shell; 6 inches long by 4½ inches in diameter. Flesh light yellow, and bakes well; quite early.

Prices: oz., 15c; ¼ lb., 40c

BUTTER CUP—A new Squash developed by Prof. A. F. Yeager of North Dakota Experiment Station. The Squash weigh from 3 to 5 pounds with thin, tough, green skin. There is no fibrous section and deep rich orange flesh is untinged with green. A good keeper—fine flavor, much like that of a Sweet Potato. Oz., 20c; ¼ lb., 50c.



White Globe

SHOGGIN—New and popular in the South; 10 to 20 inch tops; erect, bright green, strap leaved. Roots semi-globular, white throughout, mild and tender.

Turnip

EARLY WHITE MILAN—Very early, white top; for summer planting.

EXTRA EARLY MILAN PURPLE TOP—Very early, with purple top; flesh and skin white.

WHITE EGG—Oval, handsome and sweet; grows quickly; best table sort.

EARLY DUTCH STRAP LEAF—Rather flat; good, white, early sort.

COWHORN—Long, crooked-shaped, white, fine grained, quick growing stock turnip.

PURPLE TOP STRAP LEAF—The popular flat fall sort; sweet, firm and mild.

POMERANIAN WHITE GLOBE—Large, good for both table and stock.

GOLDEN BALL OR ORANGE JELLY—Very handsome; keeps fairly well.

PURPLE TOP WHITE GLOBE—Early, globe-shaped, medium sized, yields heavily and keeps good.

YELLOW ABERDEEN—Large, late, sweet, yellow fleshed; long keeper and very popular.

Prices: oz., 10c; ¼ lb., 25c; except Milan: oz., 10c; ¼ lb., 30c

Rutabaga or Swedish Turnip

MONARCH—Distinct in form; grand, good variety; very large yielder; grown mostly above the ground; flesh rich yellow.

BANGHOLM—A very superior variety both in form and quality, and held in high esteem in many parts of England. Of large size, small neck, few or no side roots, and yields well. Flesh yellow, sweet and solid; skin yellow with purple top.

IMPROVED AMERICAN PURPLE TOP—

Very hardy variety; flesh yellow, sweet and well flavored; deep purple; has but little neck.

EARLY NECKLESS—Three weeks earlier than Purple Top Yellow, entirely neckless, free from side roots, round and uniform; this is a fine Rutabaga.

Prices: oz., 10c; $\frac{1}{4}$ lb., 25c

Tomatoes

CULTURE—Tomatoes do best on warm, light, moderately rich soil, and success depends to a great extent on securing rapid and unchecked growth in the early part of the season. For early crop, sow seed in hot-bed in January, transplanting to cold frame when plants have at least four leaves, in order to strengthen the body of the plant, and transplanting later to open ground, after all danger of frost is over, in rows, three to four feet apart, and three feet apart in the rows. For late crop sow seed any time up to the middle of June. Spray regularly, to prevent blight. For the private garden, trellising the vines will prevent rotting, due to the fruit lying on the ground.



Earliana

CHALK'S EARLY JEWEL—An extremely early variety of brightest scarlet color, deep fruited and solid. Very few seeds and of excellent flavor. Oz., 20c; $\frac{1}{4}$ lb., 75c.

BONNY BEST—Very early, scarlet fruit. Vines vigorous; exceptionally good quality. Oz., 20c; $\frac{1}{4}$ lb., 75c.

PONDEROSA—Massive size, good form, smooth, solid, almost seedless; a delicious flavor. Oz., 40c; $\frac{1}{4}$ lb., \$1.25.

EARLIANA—It is a full week ahead of all others. Plants of strong growth and very productive. Fruits large, deep red, and of superior quality. Smooth and free from cracks. Oz., 25c; $\frac{1}{4}$ lb., 90c.

JUNE PINK—An earliest, pink-fruited variety. It is sometimes referred to as "Pink Earliana" because of similarity of types. Fruit are of medium size and ship well. Oz., 30c; $\frac{1}{4}$ lb., \$1.00.

Tomatoes, continued

BISON—The tomato for Northern gardens. This is one of Professor Yeager's contributions, extra early, prolific and of finest quality. **Oz., 30c; ¼ lb., \$1.10.**

MARGLOBE—A main-crop, scarlet-fruited variety Introduced by the U. S. Department of Agriculture for wilt resistance. Claimed to be also resistant to "nail head rust," which attacks the fruit. Fruit are medium size, smooth, solid and deep from stem to blossom. They have irregular cell structure. As the name would indicate, it is claimed to be a cross between Marvel and Globe, and really appears to have attained the best characteristics of each, except perhaps the solidity. **Oz., 25c; ¼ lb., 80c.**

ACME—Vine hardy and productive. Fruit in clusters of four or five, round, smooth and of good size; flesh solid and of excellent flavor. There is no better variety for market gardeners who want an early purple-fruited sort. **Oz., 20c; ¼ lb., 75c.**

OXHEART—While not a very heavy yielder, being similar to Ponderosa in this respect, the grower for market is going to find the Oxheart a mighty attractive sort. They sell on sight. The skin is pink, same as Livingston's Globe. It is almost seedless. Flesh frequently show two inches thick without a seed cavity. The flavor has just that delicious tomato quality that every lover of the fruit knows so well. **Oz., 60c; ¼ lb., \$1.75.**

GOLDEN QUEEN—Large size, handsome, very smooth, good quality. **Oz., 30c; ¼ lb., \$1.00.**

NEW STONE (Livingston)—Very large, perfectly smooth, fine bright scarlet; best main crop. **Oz., 15c; ¼ lb., 50c.**



Ground Cherries

RED PEAR-SHAPED—Fruit of peculiar shape, handsome and solid. **Oz., 35c; ¼ lb., \$1.25.**

DWARF STONE—The fruits are produced in clusters of three to five, and, as the growth is close-jointed, each plant produces a large number. The tomatoes average 4 inches in diameter and 2½ inches in depth. Its dwarf, compact habit suggests its use to all amateurs. **Oz., 25c; ¼ lb., 90c.**

BEAUTY (Livingston)—Large, smooth, pinkish red, thick flesh, regular form. **Oz., 25c; ¼ lb., 75c.**

DWARF CHAMPION—Quite distinct in foliage and habit of growth, being compact and upright. Fruits early and resembles Acme in appearance. **Oz., 30c; ¼ lb., \$1.00.**

JOHN BAER—An early, bright red Tomato of wonderful quality. But little later than Earliana, it far surpasses that variety in size and quality; it is, further, one of the heaviest-yielding sorts we know. The flesh is solid, possessing a fine flavor, free from acid. **Oz., 25c; ¼ lb., 80c.**

PRITCHARD OR SCARLET TOPPER—Wilt resistant. Fruits large, smooth, globular, solid with thick walls and cross section. Color deep scarlet. Splendid home and market garden variety. Excellent for shipping. **Oz., 50c; ¼ lb., \$1.50.**

BREAK O'DAY—The most recent introduction from the Department of Agriculture and one of the best. About ten days earlier than Marglobe with fruit as large and nearly as productive. Plant growth quite open in habit; fruits scarlet, fairly globular. **Oz., 30c; ¼ lb., \$1.00.**

GREAT BALTIMORE—A main crop, productive, red fruited variety of the Matchless type; quite popular with the canners. **Oz., 15c; ¼ lb., 50c.**

Small Fruited Tomato Varieties

YELLOW PEAR—Similar to red pear in shape and size but of clear yellow color. **Oz., 35c; ¼ lb., \$1.25.**

YELLOW PLUM—Round and regular, bright yellow; used for pickles. **Oz., 35c; ¼ lb., \$1.25.**

YELLOW PEACH—Very handsome in form and of a beautiful clear yellow color; is useful to contrast with other sorts. **Oz., 35c; ¼ lb., \$1.25.**

GROUND CHERRY (Husk Tomato)—Small and ornamental fruit used for preserves. **Oz., 35c; ¼ lb., \$1.25.**

Aromatic, Medicinal and Pot Herbs

ANISE—A well-known annual herb whose seeds, which have an agreeable aromatic odor and taste, are used for dyspepsia and colic and as a corrective for griping and unpleasant medicines. Sow early and thin to three inches apart in the row. **Oz., 10c; ¼ lb., 25c.**

CARAWAY—Cultivated for its seed, which is used in confectionery, cakes, etc. The leaves are sometimes used in soups. If sown early in August, the plants will give a fair crop of seed the next season, but when sown in the spring will not seed until the next year. Plant in drills two or three feet apart and thin to six inches apart in the row. **Oz., 10c; ¼ lb., 20c.**

CORIANDER—A hardy annual, cultivated for its seed, which has an agreeable taste, and is used in confectionery and to disguise the taste of medicine. Sow early in the spring and gather on a dry day, bruising the stems and leaves as little as possible. **Oz., 10c; ¼ lb., 30c.**

SUMMER SAVORY—A hardy annual, the dried stems, leaves and flowers of which are extensively used for flavoring, particularly in dressings and soups. Cultivate the same as Sweet Marjoram. **Oz., 20c; ¼ lb., 60c.**

MARJORAM, SWEET—A perennial plant, but not hardy enough to endure the winters of the North. The young, tender hops are used green for flavoring or they may be dried for winter use. Sow in drills as early as possible, and thin out the plants to ten inches apart. **Oz., 15c; ¼ lb., 40c.**

SAGE—A hardy perennial, possessing some medicinal properties, but cultivated principally to use as a condiment, it being used more extensively than any other herb for flavoring and dressing. Sow early in spring (four to five pounds per acres in drills) on very rich ground; cultivate often and thin the plants to sixteen inches apart. **Oz., 20c; ¼ lb., 60c.**

DILL—An annual, cultivated for its seed, which has an aromatic odor and a warm, pungent taste. It is good for flatulence and colic in infants and is sometimes added to pickled cucumbers to heighten the flavor. Sow early in spring and keep clear of weeds. **Oz., 10c; ¼ lb., 30c.**

THYME—This herb is perennial and is both a medicinal and culinary plant. The young leaves and tops are used for soups, dressings and sauce; a tea is made from the leaves. **Oz., 20c; ¼ lb., 75c.**

CULTURE—Sow as soon as all danger of frost is past, in drills about an inch deep. The tall kinds require fences or poles on which to climb. The seeds are used for flavoring pickles or as a substitute for capers.

Glorious Gleam Nasturtiums

DOUBLE GLEAM HYBRIDS—A new and years of scientific breeding and development distinct type of Nasturtium, the result of ment by hybridists. The Hybrids are a collection of gorgeously colored, large, double flowers of salmon, golden yellow, orange scarlet, cerise, cream yellow, orange, crimson, and gold flushed scarlet. The brilliant colors are further heightened in contrast with the background of fresh, green foliage. An added feature of the flowers is the sweet fragrance which is most pronounced. Stems are long, bearing the flowers well above the foliage of the plant, making the flowers ideal for the garden and also for cutting. These features, combined with their ease of culture, make Gleam Hybrids a universally popular flower.

1 oz., 15c; ¼ lb., 50c

Nasturtiums



New Double Glorious Gleam Hybrids

Nasturtiums, continued

DOUBLE GOLDEN GLEAM—Sweet-scented. This Nasturtium was introduced in 1932 and immediately became so popular that the supply of seed could not meet the demand. Golden Gleam is entirely distinct from all other Nasturtiums. The plants are semi-trailing; flowers are very large, semi-double, fresh golden yellow, fragrant and long-stemmed. If you tried Golden Gleam last year, you need no urging now. If you did not, don't wait for another season!

Prices: oz., 10c; $\frac{1}{4}$ lb., 35c

TALL OR CLIMBING MIXED—Many prefer the climbing or running type for porches, trellises or rock-work. They grow very rapidly and give an abundance of showy blooms and foliage. Nothing finer in a mixture can be found than this. All the finest and rarest varieties are included.

DWARF MIXED—This popular flower is so well known as to require no comment. In this mixture are included the finest colors and combinations obtainable in the dwarf varieties

Prices: oz., 10c; $\frac{1}{4}$ lb., 30c

Sweet Peas

SPENCER VARIETIES

This is the most popular type of Sweet Peas of today. They produce the largest flowers and on the longest stems. They take most all the prizes at the shows and give the greatest satisfaction with flower growers.



Avalanche

PINKIE—Large Rose Pink. Rich, clear, deep rose pink with large standard; well proportioned; long, straight stems. Best clear pink. Oz., 20c; $\frac{1}{4}$ lb., 50c.

CHARITY—Richest Crimson. The best and largest of all crimsons; doesn't burn like other reds. Bold, fine flowers on long stems. Oz., 20c; $\frac{1}{4}$ lb., 50c.

HEAVENLY BLUE—Clear Blue. New delphinium-blue of large size and great substance. Clearest and best of all blue shades. Oz., 20c; $\frac{1}{4}$ lb., 50c.

MARY PICKFORD—Cream Pink. Most beautiful and greatest publicity received of all Sweet Peas. Dainty coloring, huge flower of great substance; long stems. Oz., 20c; $\frac{1}{4}$ lb., 50c.

SUNSET—New bright rose on amber ground; a very beautiful new variety and distinctive rose coloring. Oz., 20c; $\frac{1}{4}$ lb., 50c.

WARRIOR—Deep Maroon. Mahogany with bronzy cast; large, fine flowers and easily best of dark colors. Oz., 20c; $\frac{1}{4}$ lb., 50c.

GUINEA GOLD—Golden Orange. Oz., 20c; $\frac{1}{4}$ lb., 50c.

AVALANCHE—Glistening pure white. Large, beautifully frilled flowers make this a leader. Oz., 20c; $\frac{1}{4}$ lb., 50c.

Gladiflora Sweet Peas

Our Sweet Peas are unsurpassed for purity of strain, nothing better in the U. S. They have given wonderful satisfaction the past year. If you buy ours you buy the best.

The following varieties are selected with a view to please the most critical, and we think the cream of the list of Sweet Peas.

Light Shades of Pink

HON. MRS. E. KENYON—Primrose.
MISS—WILLMOTT—Orange Pink.
PRIMA DONNA—Soft Pink.

Darker Shades of Pink

JANET SCOTT—Deep Pink.

Shades of Red

KING EDWARD VII—Bright Red or Crimson Scarlet.
QUEEN ALEXANDRIA—Scarlet.
BLANCHE FERRY—Red and White—Wings tinged with Pink.

Claret and Maroon

BLANCHE KNIGHT—Deep Maroon.

Lavender and Light Blue

FLORA NORTON—Blue Self.
LADY GRISEL HAMILTON—A large flower similar in color to the Countess of Radnor, but is nearly blue.
LORD NELSON—Navy Blue.

White

BLANCHE BURPEE—A splendid pure white variety. While not so profuse a bloomer, it is a most desirable sort.
DOROTHY ECKFORD—Large White.

MIXTURE OF SWEET PEAS

CHOICE MIXED—One of the most satisfactory ways of growing sweet peas is in a mixed row. Many new combinations are obtained by cross-fertilization, and if good varieties are planted the result is sure to be satisfactory. Our Choice Mixture has no superior; it is not composed of refuse stock, but contains the finest known of American kinds.

PRICES OF SWEET PEAS

Fancy Mixed	Oz., 10c; ¼ lb., 25c
Spencer Mixed	Oz., 15c; ¼ lb., 40c
Named Varieties Grandifloras	Oz., 15c; ¼ lb., 30c



Zennia Dahlia Flowered

Zinnias

EXQUISITE—Light rose with center a deep rose. Pkt., 10c; ¼ oz., 25c.

CRIMSON MONARCH—The largest and best of the red shades. Pkt., 10c; ¼ oz., 20c.

ORIOLE—Immense orange and gold bi-color, changing slightly as it ages. Pkt., 10c; ¼ oz., 25c.

DREAM—A fine, deep lavender, turning to purple. Pkt., 10c; ¼ oz., 25c.

All Colors Mixed: Pkt., 10c; ¼ oz., 20c.

DOUBLE GIANTS MIXED—Oz., 20c; ¼ lb., 70c.

Sheep's PLANT SPRAY

NON-POISONOUS-IMPROVED



KILLS and CONTROLS

Ants, Aphis (Plant Lice), Thrips, Mealy Bugs, Green and White Flies, Aster Beetles, Bean Beetles, Red Spiders, Small Worms, Potato Bugs, Most other Vegetable and Garden Flower Insect Pests.

Spray Foliage Thoroughly

Mix With Water

No Soap Needed

Each Unit Makes:

2 Oz.	(8 Gals.)	.....\$ .35
1/2 Pt.	(32 Gals.)	..... .75
1 Pt.	(64 Gals.)	..... 1.35
1 Qt.	(128 Gals.)	..... 2.25

YOUR PLANTS Must Be Fed!



HAVE HEALTHY PLANTS BY USING

STIM-U-PLANT

The ORIGINAL PLANT FOOD in
TABLET FORM

These Tablets Are the Last Word in
Modern Gardening Efficiency

Easy to Use—Immediate Results

Directions with Every Package

This wonderful fertilizer and plant food is odorless, has no obnoxious, messy characteristics. To use, simply insert a tablet in soil near each plant; or dissolve in water at the rate of four tablets per gallon and use as liquid manure, applying directly to soil.

Order STIM-U-PLANT Tablets with your seed and plant order. Price: 30 tablets 25c. 100 tablets 75c; 1,000 tablets \$3.50

Sheep's DUSTOL

NON-POISONOUS



KILLS and CONTROLS

Ants, Aphis (Plant Lice), Aster Beetles, Bean Beetles, Squash Bugs, Potato Bugs, Cucumber and Cabbage Worms. Most other Chewing and Sucking Insects on Garden Vegetables, Vines and Flowering Plants.

Dust the Foliage Thoroughly

1-Lb. Cans (Sifter Top)	.....Ea.	\$0.45
5-Lb. Cans	.....Lb.	.38
25-Lb. Cans	.....Lb.	.30

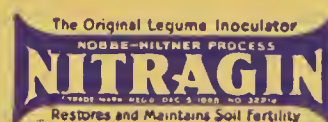
(Bulk Price on Application)

Every Gardener Should Know



That Peas, Beans and Sweet Peas belong to the Legume family—plants that bear their seed in a pod—like clover and alfalfa. All legumes form a partnership at the roots with certain kinds of helpful bacteria called Legume Germs that are able to pump or draw nitrogen from the air and give it to the plant. They form on the roots in colonies looking like lumps, called nodules, which are really nitrogen storehouses. Without these germs, legumes would rob the soil for nourishment and have a sickly growth, for few soils contain a natural supply. It is therefore necessary to "inoculate"—apply these nitrogen-gathering germs directly to the seed. All Agricultural authorities advise inoculation of legumes.

Garden Size, 25c



REPRESENTATIVE ROOT SYSTEMS



Open Pollinated Corn

Iowealth Hybrid

Wind-proof Hybrid Corn

SOLD ONLY IN SEALED BAGS

IOWEALTH

REG.

MATURITIES AND TYPES
FOR YOUR LATITUDE

*High Yielding
Heat Resistant
Drouth Resistant*

PRODUCED ONLY BY

SIoux CITY SEED COMPANY

SIoux CITY, IOWA

ESTABLISHED 1884